the Auburn Alumnews

AUBURN ALUMNI ASSOCIATION

JANUARY, 1978

AUBURN, ALABAMA

Look at Auburn's Academic Research & Programs

With this issue, The Alumnews begins an indepth look at Auburn's schools and the departments that make them up. To kick off the new year's efforts, we begin with the Schools of Business, Agriculture, and Engineering. Our space ran out before our material, however, so we'll be concluding our coverage of agriculture and engineering in February. In addition we will

move on to the School of Arts and Sciences.

When we started out to do these stories, we didn't look for fairytales. Consequently you're getting the good along with the bad, the problems along with the accomplishments.

In the process of those interviews, we talked to President Harry M. Philpott about how the administration goes about alloting what it gets from the legislature each year. That story occupies the space below.

While you're reading that story and the ones scattered throughout the issue, you should keep in mind that in per-student-credit-hour approriations last year, Auburn ranked next to the bottom. Out of 14 state-supported universities and colleges, Auburn ranked 13.

How Alumni Can Help-

Philpott on AU's Needs & Priorities

By Kaye Lovvorn '64

expanding because of growing

numbers of students and grow-

In the process of looking at the needs of the individual schools and departments as the Auburn budget request goes to the State Legislature, The Alumnews talked to President

Harry M. Philpott about the budget-making process, where the university stands at the present, and what alumni can do to

Each school and department of the University concentrates on its own area, its own priorities and needs. The administration has to look at all of them and weigh their needs and decide who gets that and who gets this. Does Dr. Philpott have a guiding philosophy for the use of budgeted funds in development of Auburn?

"Over the time that I've been here, we've tried to build on the base that we had. We have not tried to add a lot of new courses or new departments. We recognized that the University had a pretty good mix, so we haven't sought many new programs, but there is one notable exception right now.

That is the current request for funding of a School of Nursing, and that request has come about as an answer to a shortage of nurses in the area. We have a nursing curriculum in our School of Home Economics, but after two years the students have to leave Auburn to complete their studies. Some have done so, others have given up the program in order to stay

Improve Programs Rather than add New ones

"But generally instead of new areas, we've been working on building needs, on improvements, and on a renaissance of some of the programs. Programs in just about every field at Auburn are

ing numbers of areas where University expertise is needed. In meeting building needs, the University has tried to meet those that have been most critical. Right now, Dr. Philpott

'Must do something About Engineering'

"We must do something about engineering. We haven't had any new engineering facilities since Dunstan Hall in 1960. Some of the areas have been remodeled but we still have a long way to go. In the past few years engineering technology has made such tremendous changes, and we have to have the facilities to keep up with what has transpired. On top of that, engineering enrollment is back up-at one time it dropped

Following behind engineering on the University's priorities are a center for vocational and adult education and funds to move the physical plant from the center of campus.

Auburn is supporting a bond issue that would mean \$10.5 million for construction-\$6 million for an engineering laboratory building, \$2,750,000 for a center for vocational and adult education teacher training, and \$1,750,000 for relocation of physical plant facilities to the edge of the campus.

"Actually we can look across campus and see needs for \$50 million in facilities right now. Of course it's not realistic to think we will get that—not that those aren't proven needs that we can substantiate. There just isn't enough money.'

So what is Auburn looking for from the Legislature this year?

Asked for \$66 Million

"When we analyzed our needs, our most pressing ones amounted to \$66 million in state approporiations-that would mean a 47 percent increase over the present. We presented our budget request to the Alabama

Commission on Higher Education and they recommended a \$61 million budget. The Governor's Select Budget Committee recommended \$51.2 million, which whould be a 15 percent increase over the present. Of course the budget has yet to be approved by the legislature. And we don't know what the Governor will recommend.'

If the governor's budget recommends a 15 percent increase it won't do much more than match inflation, especially

> 'We may need 200 faculty but we'd have nowhere to house them'

in light of the four percent decrease in funds that Auburn suffered two years ago and is still trying to recover from.

In arriving at a budget, the administration listens to the needs of the individual deans and their departments, then Dr. Philpott says, "the most critical have to come first. A degree of realism has to come into even that—we may need 200 faculty, but we wouldn't have a place to house them if we got them, so we have to balance faculty needs with other things. In a good year for us, the Legislature will allot 50 new faculty positions, and then they are alloted over the campus on the basis of student enrollment. The departments with the heaviest enrollment are the ones we try to provide additional faculty. The departments that aren't growing don't get any. We have constant studies going on about the

'Can't Meet everyone's Needs but work as hard as can to meet as many as possible'

university—the faculty workloads, how the facilities are used, etc.,—and these studies play a big part in the ultimate decisions.

"We have to get some goals and some priorities; we can't meet everybody's needs. But we do have an obligation to work as hard as we can to meet as many as we can."

The university tries to stretch the money as far as it will go and as equably as possible in providing funds, with need as the determining factor:

"It would be nice if we could treat everybody alike as far as faculty salaries go, for instance, but we can't. We have to consider other factors. An example

(Continued on page 2)

Football Forum Planned

Auburn football fans should mark their calendars for February 18, 1978. On this date, the Auburn Alumni Association will sponsor an open forum featuring the Auburn foot-

ball program. This informal meeting will be held in the lroom of the Auburn Union building at 2 p.m. This is the afternoon before the Auburn-Ole Miss basketball game which will be played at 7:30 p.m. in Memorial Coliseum.

President of the Alumni Association Dr. Walter Martin said, "We have invited Coach Doug Barfield, Athletic Director Lee Hayley, the University President Dr. Harry Philpott and the Board of Trustees of Auburn University to participate in the program. I am

pleased to announce that they have agreed to do so."

Buck Bradberry, the Executive Secretary of the Alumni Assocation, stated, "We are happy that key figures related to our football program here at Auburn have agreed to participate. This will surely help to clear the air on any questions which have arisen in recent months concerning the future of Auburn football. It is our hope that forward progress will be made in order to return the Auburn football team to a position of national prominence.'



DISTINGUISHED GRADUATE LECTURER-Dr. Donald Davis, professor of botany in the Auburn School of Agriculture receives a plaque naming him 1977 Distinguished Graduate. Presenting the award is Dr. Paul Parks, dean of the Auburn Graduate School. The Distinguished Lectureship provides a \$1,000 honorarium. It is supported by the Auburn Alumni Association and the Graduate School.

Sawdust to Cowfeed, Cornstalks to Gas

By Kaye Lovvorn '64

Whether you farm, grow cattle, work in a bank, operate a mining company, or clerk in a store, there is a chemical engineer in your future. If you are a housewife or a

businessman, the progress or lack of it made by the chemical engineers in Alabama and the chemical engineering students and researchers at Auburn will have its effect on you. Right now Auburn chemical engineering professors and graduate research assistants are working to process coal more efficiently and thereby decrease your monthly electric bill-or at least keep it from skyrocketing higher. They are turning sawdust and other forest byproducts into cowfeed to cut your grocery bill. They are looking for new sources of energy so that when coal and gas supplies

are exhausted, garbage and corn stalks and peanut hulls can be converted to gas to run your car and heat your home.

And if the funds are forthcoming, Auburn chemical engineers will be using federal and state funds for research on food sources such as soybeans and health problems such as liver and metabolic disease. And that's all on campus and in the immediate future.

Multiply those projects and the numbers of people involved by industries all over the state and over the nation and you'll get an idea of the importance of chemical engineering and what This research is expected to it can mean to you and me.

The most pressing area of chemical engineering research is, of course, energy. Dr. R.D. Chambers, head of Auburn's Chemical Engineering Departprocessing steel and other metallurgical processing, all require chemical engineering to improve the processing methods, to reduce energy consumption, and to look for new

The debate rages about how imminent the fuel shortage is, but no matter whether it comes in the next year or the next decade, it's obvious to us all that gas, coal, and oil deposits can't last forever. And even now the price of petroleum is too high and the source is too far away

ment, explains: "Chemical engineers are now being called on to investigate new energy sources, new methods to process fuels. Methods for processing chemicals, paper, textiles, for sources of materials for energy."

for U.S. dependence.

In Dr. Chambers' words. "With the price of petroleum becoming so high and the fact that it is no longer a domestic fuel-no longer comes from the U.S.—the chemical companies are looking at new sources for making their petrochemicals.

fruit to the people of Alabama quite soon.'

'We have a large number of exciting

projects which can bear

Auburn's Needs and

is the situation with the faculty of the School of Veterinary Medicine. For the past two years we have been in a situation in the South with four new vet schools setting up and a severe shortage of faculty. We have to be honest and admit that the faculty of the School of Veterinary Medicine had to have their salaries made competitive with the other vet schools. If we hadn't done that then we would have lost most of our faculty.

"We tend to balance demand and supply of faculty in some areas-while we want to hold on to good people, we might not do quite as much in one area because of the supply.

After facilities and faculty. maintenance money and travel money have been high on the list of important needs for most of the departments, so we asked Dr. Philpott about the situation

"From our standpoint we don't try to decide how the department will budget its maintenance money within the School. Certain areas require more funding than others and then it's the department chairman's decision-a new typewriter or sending someone to a meeting. The University likes to pay expenses for someone who is making a speech or reading a paper, but if a department has four or five livewires at the same meeting, we may not be able to. Other things have to be considered. The cost of traveling is tremendous and we face limitations under the state per diem rate. In-state covers mileage and meals. Out-of-state covers expenses with a set ceiling so that people won't stay at the Ritz rather than the Holiday

(Continued from page 1)

Inn. We generally try to add ten percent to travel money every year, but we will never reach a time when we can support all the desirable travel.

Another area in which we'll never reach our needs is in library books—we'll never have enough money yet we have substantially increased the allocations to the library. A lot of the money is eaten up by the increased cost of books-We don't have a great number more

Priorities

"The biggest advantage we can have is an interested group of alumni, supportive of our appropriations, who let the legislators know they are.

In the future we will be calling on alumni in the various counties to work with their individual legislators. We hope the governor will provide a budget we can work with-it won't be a budget that will encompass all our needs, but we hope it will be one which

'Biggest advantage Auburn Can have is an interested group of alumni who support our appropriations and who let legislators know they do'

books but we are managing to hold our own.'

Meanwhile the priority needs for Auburn are some additional faculty, some money to keep up with inflation in running the university (supplies and utility costs have doubled and tripled in the past few years), and new engineering lab facilities.

In concluding his interview with the Alumnews, Dr. Philpott said,

Auburn can work for and will help us make progress.

'Almost all the legislators are running for some other office and will vote according to how they feel it will affect their upcoming campaign. If alumni will follow the legislature and let legislators know that they are watching, they can have a major effect on the legislature functions in terms of support for Auburn."

create a large number of jobs in industry due to the changeover from petroleum to other resources such as coal and biomass when petrochemicals are no longer available.'

That expanding research effort in addition to what was already a good job market has 'shot up the demand for chemical engineering education." Auburn had 33 freshmen entering chemical engineering four years ago; this fall brought 120. And that number brought problems.

With our present faculty and facilities, we can adequately handle 45 students at the junior and senior year," Dr. Chambers explains. "Based on historical

large interdisciplinary coal research program involving faculty from Chemical Engineering and from chemistry. The program began in 1973 with a \$750,000 grant from the National Science Foundation and the work has been done in collaboration with Southern Services, Inc., the research and development arm of the Southern Co., in conjunction with their pilot plant at Wilsonville. The success of that primary research brought further support in the form of a \$600,000 grant from the U.S. Department of Energy.

But if the research is to proceed, Auburn must come up with some cost-sharing funds from the State of Alabama in

'If Alabama's excellent potential in forest and agricultural resources is to be attained. the properly trained chemical engineers must be available.'

enrollment figures, the 120 freshmen will translate to 100 seniors, accounting for both the transfers into chemical engineering and transfers out of the program. We sorely lack the undergraduate laboratories and faculty to teach the laboratories and the courses to handle this large demand."

In addition to the growth in undergraduates, chemical engineering is expanding rapidly in the areas of research and graduate education. chemical engineering as opposed to many other fields," Dr. Chambers says, "there is a tremendous deficit of Ph.D.'s. Nationwide, the number of Ph.D.'s conferred in chemical engineering has dropped from a peak of over 450 about five years ago to something less than 350 today. At the same time the numbers have been dropping, we've seen the demand for Ph.D.'s skyrocket due to the dramatically increased need for chemical engineers we talked about earlier. In addition to that need, there is a large growth of educational institutions and a demand for Ph.D.'s in the academic world.

'At the master's level there is also a very high demand for chemical engineers and this demand requires that the graduate enrollment at Auburn be dramatically increased because there is a particularly large demand in Alabama and the Southern States. If Alabama's coal resources are to be used and Alabama's excellent potential in forest and agricultural resources is to be attained then properly trained graduate chemical engineers must be available for these new in-

For these new industries to come about, basic research needs must be met and the Auburn Chemical Engineering faculty is capable of providing much of it. For four years now Auburn has been involved in a addition to money to "renovate the very old laboratories in this department and convert them into modern research labs capable of carrying out this very important research for the state of Alabama."

What does it mean to the taxpayer if this Auburn research is supported? Much of the coal being mined in central and northeast Alabama today can't be used within the state to supply electricity and must be shipped out of state and even out of the country because the sulfur content is too high to meet Environmental Protection Agency standards. An economic method of getting out the sulfur or reducing it to EPA standards would allow the coal to be used in Alabama to stablize electric power costs.

At the same time, funds to modernize the labs would aid the coal research project, they would benefit the education of chemical engineers at Auburn and of the citizens of Alabama in other ways. Dr. Chambers explains, "Extremely important throughout the School of Engineering are facilities to carry out both undergraduate and graduate instruction and to be able to provide backbone so that Auburn can be the center of energy research for this area.

'We have inadequate space, not only is it inadequate, but it is just plain nowhere near what we need-we are constrained to between 30 and 40 percent of the space needed for teaching and research labs. While some of our research labs have been renovated and are in very nice condition, the majority of our space is sorely deficient and does not meet the standards required for education and serving the needs of Alabama

"We have had to combine research and teaching

(Continued on page 9)

CAMPUS ROUNDUP

New Apartments For Single Students

Auburn students will be moving into the first on-campus apartments for nonmarried students in 1979 if construction progresses according to schedule. To be located in the area near the hangar used for ROTC, the complex will consist of ten buildings, each three stories high. Each story will provide four two-bedroom apartments to house four students. Total capacity of the dorms will be 489.

The new buildings, provided through a low interest loan from the Department of Housing and Urban Development, will be the first housing constructed on campus for single students since 1967 when the South Women's Dorms were built.

The complex will include a laundry building, living quarters for a manager, and a maintenance

The lower floors of the building will be adaptable for use of handicapped

Sigma Delta Chi Chartered

The installation ceremonies on Nov. 29 made it official. Auburn now has a chapter of the Society of Professional Journalists, Sigma Delta Chi. The 58 student members and six professional members installed make it the largest student chapter in the state, and possibly in the South.

Montgomery Exhibitors

Seven members of the Auburn Art Department faculty had works exhibited in the 48th annual juried exhibition of the Montgomery Museum of Fine Arts. Ray Dugas received an honorable mention for an entry. Others showing works were Nancy Walls, Bruce Little, Mark Price, Deeje Nichols, Marleah Hobbs, and Don Hatfield.

Faculty Honors

As recipient of the Will Howard Smith Award made in December, Dr. John A. McGuire has winter quarter off to study biostatistics with emphasis on non-linear models at the University of Alabama in Birmingham. Dr. McGuire is an associate professor with the research data analysis area of the School of Agriculture and Agricultural Experiment Station . . . Dr. Curtis Smith, director of the Speech and Hearing Clinic at Auburn, has been reappointed as chairman and executive secretary of the Alabama Board of Examiners of Speech Pathology and Audiology. The Board is the licensing agent for speech pathologists and audiologists . . . Dr. Gerald S. Leischuck '64 has been installed as president of Phi Delta Kappa, International, a professional education organization. He is director of the Office of Institutional Analysis at Auburn. Dr. Leischuck has been involved with the organization for 18

Services To Handicapped

Auburn's Student Development Services now has a fulltime coordinator of services to the handicapped on the Auburn campus. John Parrish, a doctoral student in vocational and special education, holds the new assistantship. His job is to help handicapped students find their education at Auburn as free of instructional and physical barriers as possible.

Scholarship Pays

Duane R. Hampton, a graduate student in civil engineering at Auburn, has received a National Wildlife Federation Conservation Fellowship. The Fellowships, which carry an award of \$2,000, are to foster advanced study in national resource management and related fields. His research will concern the storage of thermal energy in the form of hot water from power plants . . .

William Bryan of Montgomery, a sophomore in physics, holds the Fred Allison Scholarship for 1977-78. It is given annually to the outstanding freshman or sophomore majoring in

Private Support

Among the companies and organizations recently providing private support to education efforts at Auburn is St. Regis Paper Co. Two St. Regis personnel came to campus to present a check for \$1,500 to be used for scholarship programs in the Auburn

Schools of Engineering and Business.. . . The Alabama Arabian Horse Association has given Auburn \$1500 and pledged all future proceeds from the annual Arabian Horse Show in Montgomery to the School of Veterinary Medicine . . . Grants to Auburn from Kodak in appreciation of college graduates' contributions to the business success total \$2,000 and honor alumni Thomas D. Franklin '69 and Bobby G. Jackson '72.

Technical Aid From Auburn

A pants manufacturer, a grocery store, a fabric store, a catfish farmer, and a restaurant have already taken advantage of the technical and management expertise of Auburn faculty and staff offered through the Auburn Technical Assistance Center. The Alabama Development Office funds the work of the center which hopes to stimulate economic growth in Alabama by giving aid to businesses which had nowhere to go for problemsolving assistance. Prospective clients can contact the Center, directed by Dr. Achilles Armenakis of the School of Business, for help in identifying their problems and solving them.

New Graduate Faculty

Twenty-three faculty have been appointed to the Graduate Faculty on recommendation of the Credentials Committee and the Graduate Council. They are: John L. Adrian, Jr., of agricultural economics; Charles E. Branch of physiology and pharmacology; Barry R. Burkhart of psy-chology; An-Ban Chen of physics; Koy B. Cook, Jr., of electrical engineering; James A. Dunlevy of economics; Ronald Eaves of vocational and adult education; J. Wayne Flynt of history; Harvey E. Hamilton of agricultural engineering; Richard S. Higgins of economics; Paul Hill of mathematics.

Robert J. Krajewski of educational administration and supervision; Zarrel V. Lambert of marketing and transportation; William N. Ledbetter of management; Philip M. Lewis of psychology; James Edgar Long of economics; Marylu E. McEwen and John Carl Moracco, both of counselor education; John F. Pritchett of zoologyentomology; Ram C. Purohit, large animal surgery and medicine; P.R. Schnurrenberger of microbiology; Thomas M. Tole of accounting and finance; and James R. Wall of mathematics.



COMPUTER USE-Auburn has been cited for "exemplary" use of the computer in academic life. Assistant Computer Director Jim Franklin looks over the shoulder of one user while others are in the background. The study found that 68 percent of Auburn's students have taken computer courses and 33 of the 67 academic departments on campus use com-

-Photo by AU Photographic Services

Debaters Take Ten Trophies

The AU Debate team took ten trophies in the Heart of Dixie Speech and Debate Tournament held in November, including first place in the Debate Sweepstakes, first place in Var-sity Debate, and third place in Novice Debate. According to Dr. David Thomas, director of forensics, "I'm very pleased with our team's outstanding achievement. Auburn has never won this many trophies in one tourna-ment." Varsity debaters Cheryl Burdine of Panama City and Dennis Harmon of Birmingham lost only one decision in six preliminary rounds, defeating teams from Vanderbilt and Samford University in the final round to earn top honors in the meet.

Counselor Ed No. 5

The faculty of the Counselor Education program are No. 5 in the top twenty counselor education programs in the nation according to a ranking by the Personnel and Guidance Journal of the American Personnel and Guidance Association. Only Wayne State University, the University of Georgia, University of Wisconsin at Madison, and Pennsylvania State ranked higher than Auburn. The number of presentations, publications, and leadership positions were the basis for the rank-

Dog Heart Studies May Help Humans

Studies of arrythemia or irregular heartbeat in dogs may help answer humans. In a project funded by the Alabama affiliate of the American Heart Association, scientists in the Auburn Vet School will study the effects of oxygen, carbon dioxide, and sleep on dogs in an effort to aid dogs and eventually humans.

Good Place To Learn Computer Talk

Auburn may be a good place to learn to talk to a computer. According to a study of academic computing made by the Human Resources Research Corp., Auburn is "exemplary" in academic computing. The University was cited for the variety of uses in academic applications of the computer and the level of computer literacy of faculty and

The study found that more that 10,000-68 per cent-of Auburn students enroll in computer courses every year, and 33 of the 67 academic departments made formal requests for computer time. Thirty percent of the faculty use Auburn's computer facilities. Auburn has both required and elective courses in computer science. The required courses are taken by students in Business, Education, Pharmacy, Engineering, Agriculture, and Architecture and Fine Arts. The elective courses are generally taken by students in the School of Arts and Sciences whose curricula don't require computer training.

Phi Beta Kappa? Maybe-

A national committee from the prestigious Phi Beta Kappa honor society will be coming to Auburn in March to investigate the possibility of establishing a chapter here. An active Phi Beta Kappa group at Auburn, made up of people who made Phi Beta Kappa at other institutions, has been instrumental in getting the investigative committee to come to cam-

New Journal On Campus

Adult Literacy and Basic Education, a quarterly journal for educators interested in adult education, is now being published at Auburn and edited by Dr. Russell C. Wilson, an assistant professor in adult education. More than 57 million Americans don't have a high school education and some who do have been found to be functionally illiterate. More than a million of them are in Alabama. The new quarterly is directed toward teachers for those deficient in reading, writing, and math in relation to survival skills in consumer economics, job skills, health, government, and law. Adult Literacy is an official publication of the Commission on Adult Basic Education. Working with Dr. Russell on the publication are assistant editors Robert L. Fritz '77 and Fred Donovan Hill '66. Both are doctoral candidates in Vocational and Adult Education.

Belated Resolutions

By Jerry Roden, Jr., '46

To this point, the new year has not overwhelmed me with the dazzling brilliance of fair prospects ahead. As I sit down to write this



Roder

monthly effusion the weather is miserable from coast to coast, the stock market continues to slide, surly hoodlums still menace life and property at non-union soft-coal mines, and Washington's benevolence retains its stranglehold on the commonwealth.

In older and simpler times, men considered uncommonly

adverse weather as evidence of divine displeasure and set out to propitiate God or the gods. As towering waves lash the California shores, bitter cold grips the nation virtually from coast to coast, and howling winds intensify human misery from the Mid-West to the Eastern Seaboard, I am sorely tempted to adopt the ancient view.

Somewhere in my subterranean depths a voice keeps muttering: "Everyone talks about the weather, but no one does anything about it for the age-old reason that no one knows what to do. Therefore, abandon modern sophistication and grovel in quest of mercy."

But then I remember that of those unhappy portents listed at the outset of this column the weather alone is beyond human control, that man has been endowed with the power to endure, and that "God helps those who help themselves."

Having thus broken an overwhelming sense of human impotence, I gather my courage and belatedly resolve to join those committed to making the most that a human can of a new year in a fair land still blessed with freedom where summer will surely come again.

Behind The Headlines

If you are an Auburn alumnus who lives in the State of Alabama, you can help insure that the needs of Auburn are adequately considered in the current session of the Alabama Legislature. Whether or not Auburn receives adequate funding to meet pressing needs depends on the contact of alumni with their senators and representatives.

"The biggest advantage we can have is an interested group of alumni who are supportive of our appropriations and who let the legislators know they are," said Dr. Harry M. Philpott in an interview with the *Alumnews*.

"Legislators know that those of us in the administration are paid to lobby so-to-speak, and they know that except for the ones in Lee County we won't be voting on them on election day. But they also know that the alumni in their counties are going to be walking into a polling booth to consider them, and when those alumni speak, the legislators do listen."

In this and the February issue, the Alumnews will be covering the schools and academic departments on campus, reporting on what's new with the departments, how the work they do serves Alabama, and what their current needs are in order to carry on that work. We welcome your reactions and suggestions in our letters-to-the-editor column and we are sure your senators and representatives in Montgomery will do the same.



OUT OF THE PAST-Clowning in front of the Tiger Theatre in the Forties.

As a Rhodes Scholar-

An Auburn Man Goes Abroad

By Edgar C. Gentle, III

Two of the 1800 American Rhodes scholars chosen since the inception of the scholarship in 1904 have been Auburn students, Dr. Hugh M. Long, a noted engineer and physicist, and myself, a former biologist and aspiring environmental lawyer. I applied in 1974 while a senior at Auburn and lost, then reapplied in 1976 and won. It is my understanding that I was Auburn's first candidate since George H. Mc-Millan, Jr., currently a state senator and lieutenant governor candidate, applied in 1968.

In this article, I will briefly describe the Rhodes Scholarship selection process and Rhodes Scholarship candidates and winners I have known, then sketch my initial impressions of Oxford and the British people. If I remove in part the ignorance about the scholarship and defeatist attitude concerning nomination of would-be candidates commonly held by the Auburn faculty and administration and stimulate aspiring Auburn Rhodes Scholarship candidates to apply, then my time will have been well spent.

'A Rhodes scholar is a person with a good academic record and a long dossier of extra-curricular activities who got lucky'

The scholarships were established in 1904, when Cecil Rhodes, a graduate of Oxford's Oriel College, entrepreneur, and British nationalist, died and bequeathed his vast fortune to establish the scholarships for men who were "to fight the world's fight." Thirty-two scholarships are awarded in the United States each year. Females were first allowed to apply in 1976 and won thirteen of the scholarships last year and twelve this

year. Applicants are judged on the basis of intellectual attainment, character, leadership, and physical vigor. The winners spend two years studying at Oxford University in England, although in special cases three years of study are provided. A candidate is nominated by his school and submits an application consisting of his school transcript, a list of awards and extracurricular activities, and a biographical essay, to the Rhodes Scholarship Secretary of the State where he was born or in which his university is located. Each State Selection Committee, consisting of Rhodes scholars, then interviews the candidates and nominates two finalists, who then compete with finalists from five or six other states before one of eight regional committees consisting of prominent Rhodes scholars, which then chooses four winners.

As for the Rhodes scholars themselves, they're very human. Having risen above the ruck, so to speak, the majority of them are pretentious and egocentric. However, competing for this scholarship twice and losing once taught me that there are many excellent candidates who only come close. At the 1976 regional finals in New Orleans, of the twelve candidates representing six states, ten had never made a "B." I was among the two that had. Upon being chosen one of the four winners, I felt guilt and irony. No reflecting person could ever believe that excellence is objectively measurable and therefore he could never feel superior again. A Rhodes scholar is a person with a good academic record and a long dossier of extracurricular activities who got lucky. Two or three seniors at Auburn at any given time are on equal plateau.

Academically, Oxford's tutorial system provides the student with the utmost degree of freedom and responsibility. Each student is

(Continued on page 5)

By Pat Keller '69

Sixty years ago: The only New Year's resolutions listed in the *Alumnus* were those of the delegates to the twelfth annual convention of the N.C.A.A., who voted unanimously to put athletics second—but only to war. The delegates voted that

Letters

Dear Ms. Lovvorn:

After reading "Here and There" by Jerry Roden, Jr., in your November-December 1977 issue, I would like to offer the following comment about the Universal Bible Institute operation.

Mr. Roden said that after "careful examination" of the reported facts . . . he couldn't help but wish that our friends in the Department of Education and the media had just called this program to our attention, kept an eye on them, and let them stay around awhile, for they might have taught us all a lesson of one kind or another.

Mr. Roden apparently failed to note in his "careful" examination that this type program is against the law in the State of Alabama. This fact was certainly apparent in all the articles I read in the media on the subject. May I also assure Mr. Roden that if this agency states that an operation is a diploma mill, we have a great deal more information on the operation than we

would allow to be released to any of the news media.

Yours very truly, Daniel S. Chambliss Assistant Program Director State Approving Agency Montgomery, Alabama 36130

EDITOR'S NOTE: In defense of the tongue in Mr. Roden's cheek, and in the interest of fairness, we must point out that what he actually wrote was "careful examination of the reported facts and a bit of prompting by the imp of the perverse." For another reaction to that column, read on.

November 26, 1977 Dear Jerry,

I write simply to applaud your column in *Alumnews* and to say that I especially appreciated "Education and Free Enterprise." Made me want to start saving for my doctorate immediately.

Incidentally, where did John the Baptist preach?

Regards, Ken Autrey "athletic sports be made subservient to the work of military preparation and be made, therefore, an essential factor in military training." They also resolved that professional coaching and related expenses be reduced to a minimum, and that pre-season coaching and practice, scouting (except at a public intercollegiate contest), and the training tables all be abolished. As their final resolution, the delegates recommended that military rifle practice be taken up by secondary schools and colleges, as a part of athletic

Clarence Ousley, '81, Assistant Secretary of Agriculture, spoke to the New England Society of St. Louis, Missouri, on the subject "Shall America Remain Free?" He remarked: "Let us be especially considerate of the German-born citizen who does not join in the shouting as the flag goes by, but with sad contenance watches his boy marching away to fight his brother's boy in the army of the Kaiser." He continued, however, "Let us beware of the Germanborn resident...who takes pains to avow his citizenship... straightway impeaches the integrity of our cause of war... who argues that Germany was driven to war... who complains of taxes or criticizes the selective draft. He is a worse enemy than the soldier in arms.'

Alumnalities: W.M. Howell '19 was secretary of the City Board of Health and Chief Milk and Meat Inspector of Valdosta, Ga.... Henry G. Redding '20 had arrived home from France and was serving in the X-Ray Hospital Department on the transport Madawaske.... Among the Auburn men who were county demonstration agents were W.D. Barton (Autauga), C.M. Floyd (Lee), A.E. Arthur, Jr., (Marshall), and A.H. Barnett (Wilcox).

Fifty years ago: Reported the Alumnus: "Costumed as a co-ed, John D. (Rat) Foy, Jr., of Dothan was a complete success recently in the role of a visiting young lady at one of the "A' Club dances. "She" no sooner appeared on the floor gowned in an exquisite evening dress than a number of the football men were besieging "her" for dances. "She" was introduced to the enthusiastic applicants as Miss Drew and "her" feminine charm was so enticing that "her" program for the evening was at once filled out.

"But it turned out that Miss Drew possessed a masculine dancing technique—and therein lay "her" downfall. However, the dance was well underway before the freshman's trickery was discovered."

Room and board at Auburn cost students at least \$30 to \$35 per month. In 1858, room and

board had cost only \$8 per month, including the boarder's candles. In a letter written in 1858 by a freshman at Slaton's Academy, the prep school for the East Alabama Male Academy, features of life in the Auburn community were treated in some detail. "Auburn," he writes, "is a very healthy place, as much or more so than any place in the state, that is everyone I hear speak of it say it is. It is such a high and dry looking place it ought to be healthy. The cars drop three times a day. You can hear them when the whistle blows fore miles.

Only Yesterday

"Jimmie if you have concluded to come to this school which I reckon you had as well come here as any where else as it more Methodist than any other, get on the coaches at Midway and when you come to the Widow Wattses there you will pay and change coaches and when you come to the railroad you must buy a ticket and get on the cars and go to Montgomery, then you get off the omnabus and go up to the Exchange, get supper, get in another omnabus and go down to the depo and get into the cars for Auburn.

"You must not be afraid when you come to Montgomery for it will be night and you will see many people and hear so much

(Continued on page 6)

Auburn Man Abroad As A Rhodes Scholar

assigned to one or two tutors for a given eightweek trimester, for each of whom he writes an essay based on independent study that he reads and discusses during the weekly tutorial. There are no courses, required lectures, term exams, or report cards. Only one exam, covering all the subject matter studied for the degree, is given at the end of two or three years. Thus, a student must master a subject and grasp how its components fit together instead of merely memorizing facts. Because the terms at Oxford are so short, I have found it impossible to master the subject matter assigned for a given term and must catch up during the long vacations.

Talk and amateur sports dominate my social life at Oxford. I have met and conversed with individuals from all over the world at meals, teas, coffees, and club meetings, and, in merely holding my ground with these minds that always equal and usually excell me, have had to use my ideas in speaking instead of just suspending them in my head. I have found it impossible to not become more tolerant of new ideas and cultures and am rapidly obtaining a world view.

AUBURN ALUMNEWS Volume XXXII—No. 10 Jan. 1978

KAYE LOVVORN '64 Editor
PAT KELLER '69 Editorial Assistant

THE AUBURN ALUMNEWS is published ten times a year at four-week intervals, September-July by the Auburn Alumni Association, Auburn University, Auburn, Alabama, 36830. Officers of the Alumni Association are: President, Walter L. Martin, Jr., '53; Executive Secretary, George (Buck) Bradberry; Executive Secretary Emeritus, Joseph B. Sarver, Jr., '37; Associate Secretaries, Tommy Lambert '74, Julian Holmes '62, and Jerry Smith '64. Executive Committee: John F. Hughes '50, Peter Kenyon '60, Robert Lowder '64, Grady F. (Buddy) Edwards '59, C. Bert Hill '53, Albert M. Thompson '42, Lloyd Nix '59, ex-officio. Second class postage paid at Auburn, Alabama 36830

Participation in one or more of the numerous sports at Oxford, cricket, rugger, [rugby], rowing, squash, boxing, cross-country, to name a few, is almost universal. I run and play squash. Athletics at Oxford are amateurish and could be improved in efficiency by American methods used in coaching football, for example. However, because there are so many sports and participants, there are few or no spectators so that the player is free to enjoy the game instead of being nagged by the frenzied, crowd-imposed feeling that the only two courses open to him are victory or suicide. This atmosphere allows the true moral and social values of competitive sports to emerge.

In living in Britain and interacting with the people, I've been impressed and often embarassed by differences between myself and the English. I will jot down a few observations to give the reader a feel for what a foreigner must undergo in adjusting to and eventually appreciating a new culture. I will limit myself to conversational habits.

'My hand stretched out in front of me in anticipation. I dangled it there a while and then retreated'

When introduced, the average Englishman smiles and doesn't shake hands. I learned this painful lesson when I first introduced myself to my tutor. My hand stretched out in front of me in anticipation, I dangled it there awhile, then retreated. By this time my tutor caught on and stuck out his hand, which in turn withdrew for lack of a partner. We then vaguely smiled and discussed the weather, which, because it is always changing, is the favorite topic of conversation.

I am often moody one moment, then happy and

gay the next. The English are never like this, they seldom change colors. They also don't exaggerate. I was dating an English girl in Cambridge and was disappinted when her only response to my overtures was, "I don't mind you at all, Edgar." I later discovered from an English confidante that this meant she was getting serious and dropped her.

'Easiest way to pass in British intellectual conversations is to mumble with a pipe between your teeth'

The English are modest and polite. In England, one only quotes Shakespeare or Aristotle if he has never read them. Not having read much of either, I held my tongue and was deemed "quite clever," the British expression for intelligent. Of course, the easiest way to pass in British intellectual conversations is to mumble with a pipe between your teeth and end each sentence with "isn't it?"

The following two quotes from one of my tutors well exemplify British politeness:

"Would you be so kind, Mr. Gentle, as to attempt to prepare an essay for us sometime this week?" Translation: If you dare hand in another essay late, I'll drop you.

"Your views are, indeed, somewhat unorthodox." Translation: You don't know what you're talking about.

In closing, I thank Dr. R. Dennis Rouse, Dr. Charles F. Simmons, and my father for vigorously urging the Auburn administration to nominate me for a Rhodes Scholarship and thank the outstanding teachers at Auburn, Dr. John S. Dendy and Mrs. Mary Millman to name two, who inspired me to excel what I thought were my limitations.

EDGAR C. GENTLE, III

Where the Brown Wallet Cramps the Green Thumb



CANTELOUPES-Work at Auburn's Horticulture Department and Experiment Station results in new and improved offerings for your dinner -Agricultural Experiment Station Photo

ONLY YESTERDAY

(Continued from Page 5)

noise lookes like they are buisir in the night than in the day, riding though the town in the night, and gas lights in every store look beautiful. Everything in a stur and when the cars start the whistle blows and they make so much noise you can hardly hear your ears.

"You must excuse this badly written letter....I could say a great deal but I will wate until next time. Give my love to father, mother, and all the rest of the family and receive the same for yourself. Kiss the baby

Your affectionate brother.

"Guess it is ful of mistakes I have not looked over it.

Written in a hurry.

"Jimmie we have eight bourders but there is rume enuf

S.P. McCreary."

Thirty years ago: Auburn's long-heralded radio station WAUD, headed by Elmer Salter, featured Associated Press News and World Broadcasting Transcription Service and was on the air daily from six a.m. daily until midnight, at 1230 kilocycles on the dial.

Norma A. Baetz '47, pretty, blonde, and twenty-one, was the first woman in history to hold a Georgia veterinary license.

W.V. Pattillo '25 of Hartselle wrote that he would be glad to have a card or letter from some of his buddles of the class of 25.

Monk Gafford, Auburn All-American and star of the Blue-Gray game of 1942, was touted in the Alumnews as the best back that General George Patton had ever seen. Known as the Fort Deposit Express, Gafford played ball for the 71st Infantry Division in the European Theatre of Operations during the War. In a championship play-off game between the 71st Infan. Div. and the Third Infantry Regiment, Monk led his Doughboys to victory. The game proved so exciting that one carried-away specator fell out of his box seat on the sidelines. The fan was Gen. Patton.

Robert C. Reisinger '44 had returned home to Miami after completing an 18-month tour of China. He had been assigned to installations in Manchuria, Kiangia Province, and on Hainan Island where epidemics among livestock were especially serious. Numerous epidemics were checked, others prevented, and over 200,000 of China's livestock immunized.

Twenty years ago: An inventory of Auburn at the beginning of the new year indicated that some old problems had been left unsolved. The loss of accreditation in electrical and mechanical engineering was the most obvious and most disconcerting problem on the campus. According to the Alumnews, the university had not been able to attract, hire, and retain the most desirable instruction. The Alumnews reported, "Money is at the root of this unfortunate situation. An inadequate number of competent teachers inevitably affects the quality of instruction." The general shortage of teachers was another factor mentioned.

Dr. Robert Rea of the Department of History was the host on Auburn Television's History Since World War I," and Dr. James Woodall of the English Department was back on the air with his popular basic English program, "Two R's."

Martin L. Beck, Jr., '49 and Charles T. Black, Jr., '55 designed a "No. 1 in the Nation" tag for those Auburn fans who wished to express the old school spirit. They had the tags on the market three days after the announcement that Auburn had won the national championship. One Auburn service station attendant left War Eagle country with the expressed intent of attaching one of the tags to Coach Woody Hayes' automobile, and Governor James Folsom stopped in Auburn to pick up twenty of them.

By Pat Keller '69

Cold and clear, the day is excellent for a walk about the Horticulture Department's greenhouses on Duncan Street near the south women's dorms. Inside the high chainlink

fence surrounding the compound, department head Dr. Donald Y. Perkins and I walk to the newest greenhouse, given the school by Gulf States Paper Company about three years ago. "Dismantle it, move it, and you can have it," the company said. Since then, the Auburn Experiment Station has added approximately 35 feet to the length of the structure, the only aluminum-frame greenhouse the college owns.

The greenhouse is being readied for winter. One faculty member balances on a stepladder beside a rafter-high schefflera, snipping a few branches here and there. Two other department members, probably graduate students or technicians, are working on the heating system, a series of pipes set like sculpture against the white light of the glass ceiling. Dr. Perkins and I thread through greenery toward the man on the ladder, who is trying to shout above the clank of metal on metal. "How are you?" he shouts from his perch.

But we are looking for Professor Bill Martin, research associate in Horticulture, to tour us about. We want to know what the department's greenhouse needs are, and he is the man most likely to know.

We pass through the shed adjoining this first greenhouse. Compost bins rest on the concrete floor where a student kneels, her arms black to the elbow, filling a potting container. The shed roof, Dr. Perkins says, was paid for with money from sales of surplus horticultural products.

Dr. Perkins points out a small building beyond the shed. 'That's set aside for the Horticulture Forum," he says, referring to a student organiza-

tion. "They need something better. No heat. If it freezes tonight, they'll lose everything."

A loud hello behind us and we turn to Prof. Martin. "Let's go down this way first," he says, leading us downhill to two greenhouses toward the back of

We climb the hill to the other, more modern greenhouses, all three of which are slowly rotting away. "We have to move the hinges on the sashes ever so often," Prof. Martin says, "because as the wood rots, the screws fall out." We do not have to step close to see rows of rust marks where hinges have been.

"These greenhouses are cypress, the best money could buy in their time," he continues, "but now they're obsolete. We

'Coming to our greenhouses is like stepping back into the last century'

the lot. The first greenhouse he shows us is in a hollow where he says drainage is "terrible." This greenhouse needs to be replaced, primarily because the wooden supports are rotting, but also because it is covered with polyethelene, a plastic fabric which slowly disintegrates and has to be replaced every two years. The cost for covering? Three hundred dollars. The cost for total replacement? Five thousand.

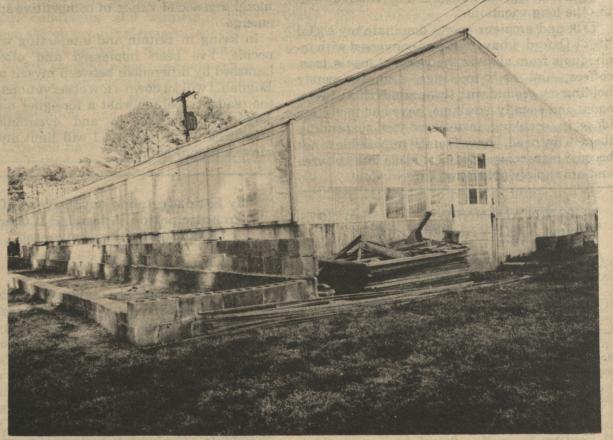
The ground leading to the temporary greenhouse is too marshy to travel in street shoes, so we keep our distance and turn instead to the greenhouse on the right, the oldest of Auburn's greenhouses, having been built "about 1880." This traditional wood-frame and glass structure contains about 1600 feet of desperately needed space, but like its sister in the hollow, it needs replacing. "It's not just old," says our guide; "it's dangerous." The frame is so rotten that I'd be afraid to get up on it to work. But it would cost at least \$20 per square foot to replace it.

don't even have mechanization. We're embarassed when people from industry come to our facilities, because theirs are so much more up-to-date than ours. For them, coming to our greenhouses is like stepping into the last century."

We enter the greenhouse proper to the hiss of gently escaping steam and the odor of freshly-turned earth. "We have problems here, too," he adds, pointing to the rows of concrete bedding troughs split in places from top to bottom and braced with sections of plywood. Roof leakage, he says, is the major cause of the constant maintenance the facilities require. As frames age and putty hardens, he explains, the resultant glass slippage requires perpetual reglazing.
"You know," Dr. Perkins

says, "we have essentially the same staff and facilities here that we had in 1948-30 years ago. Back then we had three fulltime staff members and one person half-time. Now we have one

(Continued on Page 7)



ONCE THE BEST-Once the best money could buy, Auburn's greenhouses are now out of date, and cramped space means Auburn horticulture grads need

a year or two in industry before they catch up to modern equipment and methods.

-Agricultural Experiment Station Photo

Making Green Things Grow Better

(Continued from Page 6)

additional staff member. We had 25 or 30 majors back then; today about 145 students are majoring in horticulture."

As we walk out of the greenhouse into the adjoining building and Prof. Martin's office, Dr. Perkins explains that the big jump in the number of horticulture majors began six or seven years ago with the increasing emphasis on ecology and the environment, and the advent of the energy crisis. Unfortunately, he muses, the increased enrollment has put a strain on the teaching staff. "We do have a new position," he says, "but positions are hard to fill even when we have the funding, because the demand for horticulture people is so great."

concentrate. He says he likes it cold.

"We do have those two rooms under the stairs," Dr. Perkins adds, "but they don't have any temperature controls." Because they lack both windows and thermostats, the rooms are virtually unuseable as offices. They are used mostly for storage, with a portion of one of them reserved for the desk of a professor emeritus.

Another problem is lack of assistants. The department needs one trained technician, one technical assistant, and six additional graduate research assistants to do research and act as teacher's aides for the faculty. As it stands, Dr. Perkins says, the size of the staff

program for both fruits and vegetables. The department is continuing research on a number of projects there: a fertility and irrigation project in conjunction with Agronomy and Soils, the problem of irregular bearing in pecans, rootstock and replant problems with peaches, and cultural research—particularly to develop color in apples, which those grown in Alabama need to sell well. There are other projects, of course, all of which we will learn about as the Horticulture Department reports on them, Dr. Perkins says.

We get out of the car, say goodbye, and I start down the hill toward the main campus, leafing through the Agriculture Experiment Station's annual report as I go. Here it is, the Horticulture section, and even more information. A new tomato variety, Auburn 76 FMN, has been developed, and, according to the report, "possesses a unique combination of three genetic disease resistances not previously available in a single variety."

There's a new southernpea variety, too, called Freezegreen. According to the pictures, this pea is shaped like a field pea but colored like an English pea. It's expected to appeal to food processors and may result in the development of a green blackeye pea! There's a report on the two new non-spur Red Delicious apple varieties, apples said to be 'equal in color development to fruit grown in any section of the country." And there's more. But what especially impressed me, who grew up watching my grandmother spend hours over a hot stove cooking jelly, is a concentrate that causes jelly to make in 16 minutes.

As I walk into the office, my boss asks, "Learn anything?"

"Where do you want me to start?" I reply.



'Essentially the same staff and facilities here we had in 1948 We had 25 or 30 majors back then; today we have 145'

'Horticulture is a \$50 million business in this state'

"That brings up another problem," says Prof. Martin, settling back into his chair. "Space. Our biggest complaint from industry—"

"Horticulture's a fifty million dollar industry in this state," interjects Dr. Perkins.

"-is that our students don't get enough practical experience. We just don't have the space to give to them. If eighty students need greenhouse space for labs, even three or four square feet each could tie up the whole area for the quarter. That's not nearly enough space to do anything with, but what it means is that our students can't get top dollar wages from wholesale commercial nurseries until after a year or so of industrial training." Under such circumstances, both students and faculty suffer as well as the department as a whole; no space for research remains.

We wind up the discussion by talking about the need for mechanization at the Auburn greenhouses: industry has goneto mechanization primarily because of shortage of field labor and technicians and to gain efficiency in its programs. Prof. Martin tells us that repairing and replacing the greenhouses, including mechanization, would cost about \$250,000 and reminds us that a few years back, before the recent runaway inflation, the cost would have been \$150,000.

As we drive back to Funchess, Dr. Perkins reviews the information he had given me before we had left on the greenhouse tour. "We need office space," he reminds me, and I remember the crowded offices, with two faculty members or a faculty member and a graduate assistant per office. "It doesn't sound bad," he says, "but when one person is trying to work and the other one is having students in for conferences, there's no way for both of them to get their work done. One faculty member asked us to put a desk in an unheated storage room for him so he could

limits research. The bulk of the students are in ornamental horticulture, and because of the heavy load the staff can't generate much research-it must devote most of its time to teaching. The trained technician, preferably with a B.S. in chemistry or food technology, is needed in the food science lab for chemical but routine work. "We have four graduate research assistants now," he says, "and 13 graduate students in all. In contrast, at L.S.U. the Horticulture Department has 18 GRA's. We have grant applications turned down because of lack of assistants, technicians, and field labor.

"We have other problems," he goes on. "We have problems keeping the building clean. I guess that comes under the heading of maintenance. The hoods in the labs don't pull out fumes adequately. We need storage—some of the equipment is sitting out in the hall because we don't have anywhere else for it. The cytology lab is located over the boilers and compressors; consequently, the microscope vibrates." I remember that on our tour of the lab I could literally feel the vibrations through the floor and tables.

"There is one other problem with research space," he adds. "We have no land suitable for nursery stock—woody plants. Our present land floods during every rain."

But Horticulture, like Auburn's other departments, has good news, too, news that Dr. Perkins and his staff take pride in talking about. For example, there's that new farm at Shorter.

Although the farm is 30 miles from the main campus and some labs are now four hours long so that students won't have to travel back and forth so often, the new farm is a boon for both faculty and students. The farm provides crop and research plots and space for a breeding



RED APPLES—Auburn horticulture researchers have found ways to improve the color in Alabama-grown apples and hence make them easier to market.

—Agricultural Experiment Station Photo

Industrial Engineers Aim to Improve Work

By Kaye Lovvorn '64

hardware design," Dr. Brooks

explains, "and we're concerned

with what I like to call the in-

telligent use of computers in real

houses similar degree options in

occupational safety and health,

which Dr. Brooks describes as

"a rather unique program. At

one time Auburn had the only

engineering-based safety

program in the country. More

recently there have gotten to be two or three others." He points out that Dr. Louis Trucks has

been "very active in the field of occupational safety and related

work. For example, right now

he's doing some work for the

Alabama Firefighters' Associa-

But when you've talked about

the assets of the Auburn faculty

and then covered the academic

programs offered, you get down

to the nitty-gritty. And in In-

dustrial Engineering as in most

of the other of Auburn's

The IE Department also

work situations.

A quick look at the ads in a recent issue of a professional magazine for industrial engineers reveals jobs open in hospitals, in the manufacture of printing presses, in textiles,

with a tobacco company, a food company, in electronics, in heavy steel, forest products and in retail stores—few if any of the traditional work areas for industrial engineers and

height of the equipment, the design of tools and equipment to make it easier for a person to do his work.

"For instance if you bend a

'You find industrial engineers anywhere there are people and systems.'

demonstrating more than adequately Dr. George Brooks contention that industrial engineers belong anywhere people work.

As head of the Auburn Department of Industrial Engineering, Dr. Brooks' goal is turning out well-educated industrial engineers to fill those needs here in Alabama and the

And in that effort, he cites the pluses at Auburn-"There is little question that our biggest asset is the faculty-even though here we are desperately trying to recruit and not always having the best success at it. Dr. Brooks had just learned that Auburn lost to the University of Arizona in the competition for a new faculty members-one of the frequent disheartening experiences of a department head.

As an adjunct of his faculty in supply the education for industrial engineers, Dr. Brooks cites Auburn's "reasonably active research program." The major thrust at the moment is in highway safety research in-volving a faculty member and several graduate and undergraduate students who are trying to pinpoint dangerous areas which need correcting on Alabama highways. department recently completed work on "taking satellite data and through the use of the computer actually generating maps showing Alabama's resources on a geographical basis. We can plot forest lands, mineral deposits, or special geographical formations which might indicate oil-bearing strata and things of that nature." The project was supported through a contract with NASA and the Alabama Devel-

In addition to work directed immediately toward benefiting the state, the IE Department cooperates with other departments on campus on several projects that benefit others as well as Alabama citizens. Jointly the IE Department and Textile Engineering are working on developing a textile ergonomics center. A British term, ergonomics means the study of work, Dr. Brooks explains, and "a synonym for it in this country is human factors.

The research involves factors affecting a large number of Alabamians and others who work in the textile industry, such as heat stress, noise stress, posture, proper lighting, proper

pair of pliers around so that the human doesn't have to twist his hand and strain around to use them," Dr. Brooks explains, "then they become easier to use and in the industrial context could mean that a person who uses pliers at work throughout

his working life wouldn't

'Annual demand for industrial engineers is 8,000-that's wet-behind-the-ears college graduates—and all the universities together produced only about 3,000 last year.'

develop tendonitis and end up with crippled hands.'

Because industrial engineers are interested in the ergonomics area as a whole, the Auburn department further expands its efforts to help Alabamaians through joint programs with the Forestry Department and Vocational Education and participates in vocational rehabilitation programs developing work methods and workshops.

In joint research with areas off-campus, the Industrial Engineering Department has had a strong relationship with the Air Force for several years particularly with the agencies at Gunter Air Force Base in Montgomery which are involved with data systems design and logistics. Both faculty and students have worked there during the summers and on campus have carried on design projects and developed theses as a result of their work.

The academic program offers B.S., M.S., Master of Ina B.S., M.S., Master of Industrial Engineering and Ph.D. The doctoral program began in 1975 and has already graduated one person. Four others are currently involved in Ph.D. studies and research.

In addition to straight IE programs, the department offers a formal option in computer science at the undergraduate level and specialization at the graduate level. "In this sense we're complementary to the Electrical Engineering Department, which is concerned with computer engineering and engineering departments, that's a shortage of faculty and of adequate work conditions and equipment.

The Industrial Engineering

fully tight on faculty-we keep trying to recruit but that is difficult. The physical facilities are terrible—it's colder inside in the winter than it is outside and the reverse is true in the summer. The classroom and lab facilities are even worse.

"Most of our classrooms are in Shop Building I. The air conditioning has been broken for two years. They keep saying that we will get new ones pretty soon, but we can't seem to get any help in getting them replaced. Classrooms are uncomfortable at any time of the year and at any time of day-either uncomfortably hot or uncomfortably cold. Even where the units work they are completely ineffective.

The weather also causes other problems in another set of classrooms, which Dr. Brooks describes 'as 'intimately associated with the roadway. If you open the windows to let in some warm air or to let out some hot air, then you get noise. If it's raining you must make sure the windows stay shut, else the water standing on the street gets splashed in the window and onto the equipment. We have lost some equipment due to the water rising in heavy rains and running in the windows and down on the floor and into the equipment.'

In a third set of classrooms comes a third set of problems. The Industrial Engineering Department shares a portion of the L Building with the Music Department, and Dr. Brooks explains, "It is rather difficult to teach a class in a room where next door somebody is taking trumpet or practicing flute. I'm a music lover but I don't like to The roof leaks, paint is flaking, and plaster falling on expensive equipment and messing it up. Under these circumstances, the Department operates its ergonomics and occupational safety labs, but Dr. Brooks says, "this is sort of gilding the lily to call them labs; actually they're just makeshift."

Other research operates under similar conditions: "We have virtually no research space for contract type of research—the research associated with the computer mapping program mentioned earlier, we conducted in a room of less than 100 square feet that simultaneously housed two graduate students and the computer terminal that was necessary for the research.

"Dr. Brown's highway traffic research goes on with six graduate students and undergraduate students jammed into what used to be a classroom that we now call a lab but actually it is just a workspace.

"In addition to the poor condition of the classrooms and labs, we are faced with a dilemma of rising enrollment. We are getting pressure to increase the section size, but the fact is we can't because the classrooms won't hold them. The physical size just isn't there. Classes are set for 30 and maybe we can squeeze in 32, but that's it. There isn't room to put another chair in the room," admits Dr. Brooks.

Since the state seems reluctant to provide funding for labs and classrooms, the Industrial Engineering Department has been seeking assistance from outside, but its luck has been bad there too. After five or six proposals to the National Science Foundation for funding for an environmental chamber for ergonomics research and instruction, Dr. Brooks is about to

"When we started submitting proposals it would have cost \$20,000 for the lab. Now we're asking for a little over \$50,000 because the cost of construction and materials has increased so much. But I really can't see any future in continuing to seek funding for it. Our last approach has been to seek to share the lab with the Health and Physical Education people because they do some research and instruction on the effect of the environment on the individual. We would be very happy to have a joint facility, but no funding seems to be forthcoming. I think we'll just have to give up and

(Continued on page 9)

'We are faced with the dilemma of rising enrollment. We are getting pressure to increase the section size, but the fact is we can't because the classrooms won't hold them.'

Department shares with Electrical Engineering Dunstan Hall and the Shop Buildings and thereby shares the conditions of the two. One gets the feeling that when Dr. Brooks in "a serious state of disrepair. bout the effe conditions, he's speaking from some first hand experience. Among the first things a reporter notices on a cold December morning are the electric heaters sitting around the floor to supplement the inadequate heating system in Dunstan Hall and the noise pollution as one strains to hear Dr. Brooks' voice over the loud clanging of typewriters in the outer office.

As in most Auburn departments, faculty is a priority need, even before equipment so Dr. Brooks starts there and elaborates-"We're running awhear people rehearse-and at the same time. I'm sure we're as aggravating to them as they are

In addition, the L Building is

'Through the use of the computer we are actually generating maps showing Alabama's resources. We can plot forest lands, mineral deposits, or special geographical formations which might indicate oil-bearing strata.'

AUBURN ALUMNALITIES

1913-1923

Chalmers Horne '13 of Jacksonville, Fla., is a pioneer in the motel business—he and some friends had a motel chain from Miami to New York long before they were clustered around exits on interstate highways, long before interstate highways in fact. When Mr. Horne opened his Green Acres Motel in 1935 on the Phillips Highway in Jacksonville it was one of the first in the country. A room with a shared bath in a two-unit brick cabin went for \$2 to \$2.50 a night, and Mr. Horne's wife, Eleanor, offered filet mignon for \$1.25 in the restaurant. Friends with motels in Cocoa, Virginia, and New Jersey completed that chain. Despite or maybe because of the Depression, business was fine. Many families could no longer afford hotels, and tourist camps, as they were called, had a bad reputation. Mr. Horne opened several other motels in Florida and North Carolina in the late Thirties and early Forties. In a recent feature in Jacksonville paper he talked about the motel business and the real estate boom....

Claude E. Edminston '13 lives

in Houston, Tex.... Ralph Riddle has moved to Annapolis, Md....

John L. Green '16 now lives in Sarasota, Fla.... James D. Williford '16 has moved from Ontario, Canada, to Clearwater, Fla.... Lilian Sharpley '23 now lives in Kennett Square, Pa.

1926-1928

J. Gordon Elliott lives in Monroeville Neida Martin

Luthey lives in Albuqueque, N.M., where she first went in 1930 to teach in a government Indian boarding

(Continued on page 10)

Magic of Chemical Engineering

laboratories, which means that during some experiments, students do not have access to the experimental equipment because of interference with a research project.

'In other cases, the student labs prevent research from being accomplished on a large numbers of days during the year. We have a difficult time maintaining the quality of research in the manner that suits the capabilities of our faculty."

In the past five years annual outside research funding in Chemical Engineering has grown from less than \$100,000 per year to more than \$600,000 this year. Dr. Chambers expects to see that amount more than cost, reproducibility, and high double during the next two

But if the department is to continue doing research that is vital to the needs of the State of Alabama and to those of us who live here, then, Dr. Chambers emphasizes, "we are going to have to provide adequate facilities in which to carry out this research. We have a large number of exciting projects which can bear fruit to the people of Alabama quite soon.

"For example, we have developed a new process for the conversion of waste sawdust to a valuable digestible cattle feed. This feed would have the advantage of continual supply, low

digestibility and thus would be used as a supplement of the traditional hay.

A second project is the design of a production complex to convert waste biomass-i.e. agricultural and forest product residues such as tree limbs, corn stalks, peanut hulls, soybean plants-into economical transportation fuels, heating fuels, and valuable chemicals by using chemical and biochemical processes. Instead of burning these products or plowing them under, Auburn research will make it possible to use them more beneficially.

The biggest emphasis in the department is in the solvent refined coal process mentioned earlier. Fifteen graduate students and 20 undergraduates are being trained in coal research. And, Dr. Chambers says, "We have learned a great

'The majority of our space is

sorely deficient and does not meet

the standards

required for educating

Alabama students.'

small businesses and small commerical and industrial firms switch from "expensive and hard to obtain fuels such as natural gas and fuel oil to less expensive and more plentiful materials such as wood waste, tire scrap, and municipal waste." Dr. Chambers says the department is "quite excited about this unusual extension of knowledge and direct extension work.'

Soybeans may not seem a usual area for the interest of chemical engineers but Alabama farmers produce more than 20 million bushels of soybeans a year, many of which are shipped outside the state to be processed. If funding for the new soybean project is forthcoming, the Auburn researchers will be working on techniques for extracting proteins-soybeans are a highquality and inexpensive source of protein-and combining

IEs Work in Variety of Places

(Continued from page 8)

stop wasting the six weeks or so it takes to write a new proposal.'

Yet, Dr. Brooks says, "In a sense we are fortunate because Industrial Engineering is less dependent on equipment than many of the other departments and we do have access to excellent by-and-large computation facilities as the University terminals are right next door.

"We are in the process of upgrading the small computer that we use primarily for ergonomics research but also for general computer research and instruction. With the computer, for instance, we use instruments to study an individual's reactions to certain stresses and conditions. We have a treadmill device where we can place instruments on a person and let the computer help determine what's taking place in his body as he is exposed to various exercises and stresses. We can determine instantly the heart rate, etc., and a number of interesting

One of the strong points of an industrial engineering education is its versatility, and Dr.

you take wood and make other things such as paper, tables, chairs, pencils. Industrial engineers may be involved in the wood harvesting itself. For instance Dr. Hool (a forester in his own right) did extensive work a few years ago on forest harvesting. Industrial engineers are involved the forest safety-harvesting of forest products is an extremely hazardous occupation.

One of the major fields for industrial engineers is in operations research—which is a general technique that looks at

in industrial engineeringbusiness, forestry, industrial engineering, and textile engineering. IE and forestry converged on the same guy who came to Auburn on a joint appointment with industrial engineering and forestry.

"As a matter of fact, only about half of the modern professional industrial engineers work manufacturing-I'd say better than five percent are in hospitals. Substantial numbers are in the service industrieswith the airlines, railroads, and

'We are concerned with what I like to call the intelligent use of computers in real work situations.'

almost any ongoing operation and attempts to quantify it in

some sense and model it

trucklines. They are in retail trade. Rich's in Atlanta, for example, has had an IE group for 30 years. Now most major retail stores have an industrial engineer as do breweries."

The job market for industrial engieers is wide open. Dr. Brooks elaborates, "As nearly we can establish, the annual demand for new industrial engineers is 8 to 9,000 each year-that's wet-behind-theears college graduates. And all the universities together produced only about 3,000 last year. Quite a disparity between those available and the jobs available. And even that may be understated because of the demand for systems analysts and other people in computer specializations which an industrial engineer would fill which would make the true demand much higher.'

deal about this process and the pilot plant at Wilsonville and the one at Tacoma, Wash., already have benefited directly from our studies.'

But coal studies at Auburn extend to a new magnetic separation process which has the potential of separating pyrite and ash from coal at the utility site where it is burned or at the mine mouth where it is dug. "It has the potential of converting many coals that cannot now be burnt directly to those that can be handled by current Alabama power plants." The researchers expect that at least 60 per cent of Alabama coal can be cleaned to environmental specifications by this method and 40 per cent of that mined in the east.

Also in the area of energy is the Chemical Engineering Department's involvement with the Alabama Energy Extension Service, a pilot program in which Alabama is one of ten states involved. Auburn has responsibilities for three of the areas of the program through programs in Chemical Engineering, Agricultural Engineering, and the School of Agriculture.

In Chemical Engineering's involvement with the program, faculty will be helping 300-500

them with other human foods. Potentially that research could develop the capability of soybean processing in Alabama and lead to a new industry to manufacture protein concentrates and thereby creates new uses and demands. Those, of course, would benefit Alabama farmers and the state as well as benefiting human health with low-cost, high-quality protein products.

The Chemical Engineering Department has requested \$694,000 in funding for 14 projects in the 1978-79 budget. A sizeable amount of that is matching funds needed to obtain federal support.

The Chemical Engineering Department has a strong potential in areas in which Alabama could benefit. But if the department is to meet that potential and serve the state's needs, then, Dr. Chambers emphasizes, it will have to have monetary support from the state. "We have had these needs for some time, but they are becoming more and more intense. We are forced to try to meet them with existing people and facilities and we just don't have enough to carry out detailed programs and research and to educate the chemical engineers that Alabama needs.'

'Classes are set for 30 and maybe we can squeeze in 32, but that's it. There isn't room to put another chair in the room.'

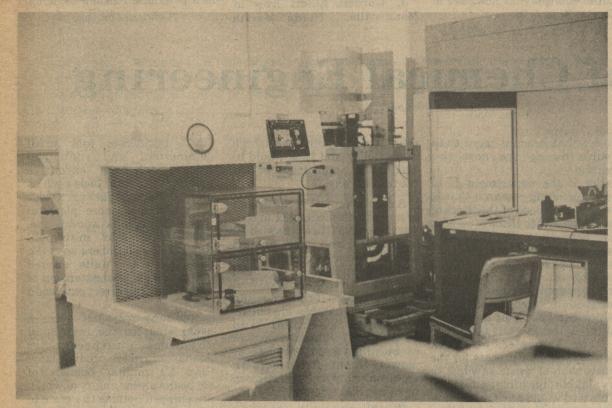
Brooks stresses that industrial engineers are useful wherever people work. "You find industrial engineers and sytems anyplace there are people. For example, many IE's practice in hospitals. You will find IE's in forest product areas—anywhere

mathematically and to seek to improve the operation by this mathematical analysis.

Illustrating the wide work area of the industrial engineer, Dr. Brooks mentioned "a couple of years ago four departments on campus were seeking a Ph.D.

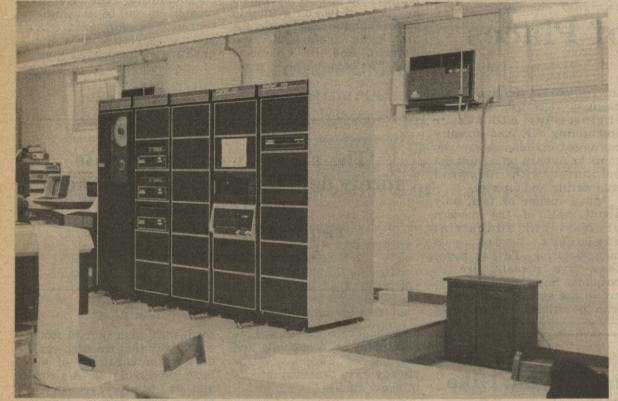
JANUARY, 1978

Electrical Engineering Fast-changing Field



CROWDED—Equipment that must be stored although it's out of date half-fills this crowded lab in the Shop Buildings.

—Photo by Pat McArthur



MAKESHIFT—Much expensive equipment such as this computer system exist in poor conditions. A window air conditioner and a floor humidifier are necessary to keep this expensive machine functioning.



THREE LABS—A quiet moment with only one person in this room that is used for three labs.

By Kaye Lovvorn '64

"A guy learns ancient history and it doesn't change all that much. Grammar is grammar. But technology is fast changing and if you sit still you get left behind. If you've got

a classroom, a good professor, and some books in the library, you're in good shape in most areas but in engineering you have to have high technological capability to educate students who will be dealing in technology. If they are learning about it in college, then they've got to get their hands on it—and that costs a lot of money," says David Irwin '61, head of the Department of Electrical Engineering.

Spending an afternoon touring his department with Prof. Irwin and his associate James Lowry '55 is an educational experience for anyone interested in Auburn and the students it produces. Electrical Engineering is the biggest department in the School of Engineering and very likely the one with the most problems. At least it appears that way to a reporter who has made her way through all the engineering departments in the past two months.

Fall quarter the Department of Electrical Engineering had more than 500 students on campus and 38 co-oping in industry. In addition at least a fourth of the undeclared students in preengineering will end up in electrical engineering, according to Dr. Irwin. He would be happy about all those students if he had a place to put them and the faculty to teach them. As it is, he's feeling pretty dismal.

'If a student doesn't get a good background, then he won't make it through.'

He has 19 faculty members, and 12 GTA's teach four courses and forty labs. Only two rooms in the section of Dunstan Hall occupied by EE are capable of holding class loads in the 30's and 40's yet almost all of them are running that way except the basic courses which Dr. Irwin is adamant about keeping small-'We go out of the way to keep classes small so a guy won't get off on the wrong foot. You are typically building on a foundation and if you don't get a good basic foundation—too had You are building a skyscraper and if the foundation isn't good then the whole thing collapses. If a student doesn't get a good background then he won't make it through, because the process gets more and more complicated."

The Electrical Engineering Department occupies two floors plus two rooms in Dunstan. Classrooms and labs double up. The room that is used for a classroom in the morning pulls out the equipment from around the walls in the afternoon to become a lab. At three o'clock on a Friday afternoon all the rooms

in the EE space are filled as we intrude in one lab after another.

Putting it bluntly, the state of Alabama doesn't provide funding for equipment for the EE Department. Like most of the other engineering departments it scrounges equipment from industry, from the Army, the government, and anywhere else.

Electrical Engineering seems to be particularly inventive in the way it gets equipment with its spies on the lookout in many areas. But one of the problems is once it manages to get some equipment from a government agency such as NASA or the Army, EE has to keep it forever. Of course a lot of the equipment that comes to EE is getting outof-date already and then it soon passes beyond the pale. But a ton of machinery can sit there for years taking up space because every once in a while a government inspector comes around and the EE Department has to show that it still has it.

Beg, Borrow & Steal equipment

On our tour through the facilities, I learn that this piece of equipment came from a warehouse in Montgomery, that is from the National Science Foundation, and that one was "stolen from the government," and that one over there is homemade stuff that Dr. Lowry made by cannibalizing another piece of equipment for this item and one for that and putting them to new use.

In the electronics lab we learn that equipment built 10 years ago through a grant from the National Science Foundation (each piece is a huge machine probably four feet wide and eight feet tall) is now obsolete. Replacing it is a machine the size of a fishing tackle box—in fact that's what it's built in.

Rooms have been Divided, then divided again.

One observes soon enough that the Department has tried the trick of divide and multiply in relation to facilities. What were once large rooms are now subdivided into many smaller ones to make room for the 20 new labs that the department has been required to add since it moved into Dunstan in 1961. "We trick ourselves," Dr. Irwin admits, "we divide a room and pretend." Rooms have been divided lengthwise and turned into two labs and divided crosswise and turned into six offices. But the most ingenous-or desperate-trick of the department was to bust out the outside

(Continued on Page 11)

Equipment Vital to Teaching Electrical Engineers

(Continued from page 10)

wall of the building in order to get a computer to be used for the design of integrated circuits. Then they had to bust out the door to get it inside the room once they had gotten it in the building. That computer came to Auburn from Martin-Marietta in Orlando when they were getting a new one. It was only five or six years old and M-M spent \$150,000 in getting it in shape before sending it to Auburn, so that gives one an idea of the price tag that goes with the equipment needed by the Electrical Engineering Department.

But what Dr. Irwin calls the "state-of-the-art equipment" is very important if Auburn electrical engineering graduates are going to be any good to industry when they get out. That computer has meant a lot to Auburn's research and teaching program.

So has the microprocessor equipment in another lab. Microprocessors are only four or five years old and are now used in sewing machines, hand calculators, etc.

One lab dominated by a huge computer has no desks or tables around for classwork, because classes don't meet in this one. The equipment is too expensive to risk being messed up by a curious student who hasn't learned how to use it yet.

Moving outside Dunstan and across the drive to "tin city" as Dr. Irwin calls it, we come to the Shop Building Three. Built as temporary buildings in 1940, the

Shop Buildings One, Two, and Three house much of the equipment labs and classes of the Electrical Engineering Department and its partner down on the first floor of Dunstan, Industrial Engineering.

The micro electronics lab has almost everything in it donated. The room got a brand new floor put in last year and the next day the heating system backed up and ruined the floor. It's December and the heating system still isn't fixed. When it rains, water comes up and covers the electrical ducts-not the most auspicious conditions for working with electricity. Everything in the room came from the Army or contracts or was something that NASA turned over to the state and then Auburn wangled and Dr. Lowry modified.

Some of the other rooms are so crowded with equipment sitting around that it's impossible to imagine that anybody actually works in there. In another room in the same crowded condition is some of the equipment that Dr. Lowry is taking apart to put into something else. As we go out to go into the next shop building, Drs. Lowry and Irwin point out a trailer parked by the side of the building that is used for storage. The trailer brought the computer from Martin-Marietta to Auburn and is a bonus storage space for some government equipment that electrical engineering can no longer use, but can't throw away.

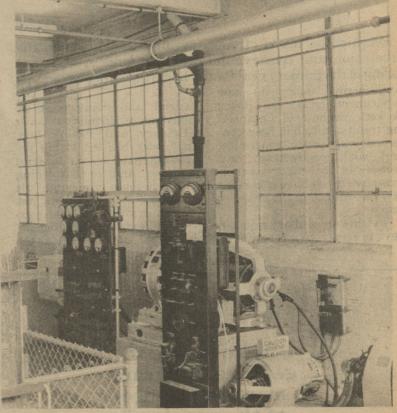
Moving across campus we

structure built in the 1920's. Thirteen percent of the total Electrical Engineering lab

space is located in this cavernous room which is heated in the winter by a six-inch steam main that just happens to run through it-14 feet up in the air-and cooled in the summer by an old airplane propeller that is used as a giant fan. Upstairs on our way to view a couple of rooms that electrical engineering is borrowing from Textile Engineering (now that the Art Department has moved to Biggin Hall), we come across the famous sign "The World's Electrical Engineers Walk Under this Arch." Dr. Lowry was among the group that built that sign back in the Fifties. Somehow it seems depressing and lost up here. Sentimental soul that I am, I think it ought to be out where more people would see it as it was in the Sixtiesnot hidden away over here. But then some prankster might be tempted to add another line such as "into the world's worst facilities.'

But then I think about gaining some perspective on the whole situation and ask Dr. Irwin how Auburn's teacherstudent ratio and facilities compare with other electrical engineering departments. He offers us some figures immediately. Auburn would need six additional faculty and double the floorspace to compare with the electrical engineering department at Mississippi

come to the AC lab housed in a State. We would need 11 professors to compare with the student-teacher ratio at North Carolina State and 47 additional faculty to reach the student-faculty ratio at the University of Alabama. So much for comparisons.



HEAT?—The six-inch pipe shown at the top of the picture, furnishes all the heat in the huge AC lab. The pipe isn't there to heat the room but to carry heat to another space and what warmth the students get on freezing days is by accident. -Photo by Pat McArthur

ALUMNALITIES—Continued

school After teaching home economics for three years, she supervised the home economics department, the kitchen, dining room, and bakery, feeding 1000 students. In 1954 she set up a school for children confined in a Public Health Service hospital where she worked until retiring in 1969. Since retirement she has traveled extensively in North, South, and Central America, Europe, the Orient and Africa. Mrs. Luthey and her late husband, Forrest, had a son and a daughter. She now has four grandchildren....

M.S. Umbenhauer '28 is with Nuclear Services Corp. in Campbell,

1929-1931

John C. Alexander '29 now lives at Mentone.... Joseph P. Givhan '30 retired on Oct. 19 after a long career. He spent a year with the Soil Conservation Service then moved to the Extension Service in 1935. He is now director of the Alabama Foreign Trade Relations Commission. In 1966 he was one of the originators of an idea for a state organization to promote sale and export of Alabama products. He was instrumental in getting the Legislature to create The Alabama Foreign Trade Relations Commission in 1975. In 1966 Mr. Givhan also initiated his own Good Neighbor Program by donating a red angus bull from his own herd to foreign nations to help them upgrade their beef cattle industry and create goodwill. Fifteen nations have been recipients thus far and Mr. Givhan has traveled to many of them at his own expense, meeting with government officials to promote trade relations and to establish public relations contacts.

Mrs. Harriet Bomar Ellis '30 now lives in Yorktown, Va.... John L. Cauthen '30 lives in Fillmore,

Mrs. Grace Higgins '31 now lives in Annandale, Va.

1933-1937

George M. Williams '33 has retired as chief industrial engineer of the Gaylord Division of Crown Zellerbach Corp. of San Francisco. He has moved to Montgomery from San Mateo, Calif...

Michael C. Welch '35 has retired to Treasure Island, Fla.... Ernest Charles Rushing '36 now lives on Lake Lanier at Cumming, Ga., where he and his wife moved following his retirement in January, 1974. He writes that they are "enjoying, the good life.".

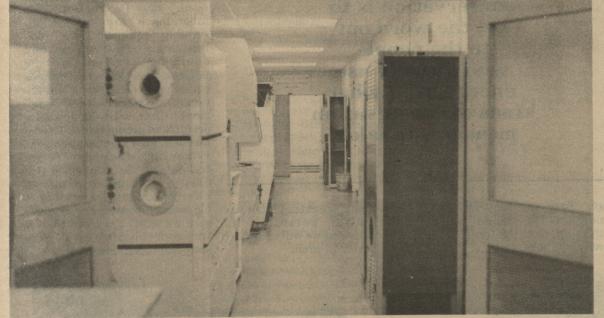
Eugene Tomlinson '36 now lives in Jonesboro, Ga.... William M. Wallace '37 has moved to St. Simons Island, Ga.... Clifford K. Ackerson, Jr., '37 lives in West Helena, Ark.

1938-1939

Earle M. Sigler '38 retired June, 1975, after 36 years with Allis Chalmers Manufacturing Co. where he was involved in application sales of electric power and generation equipment. He was area manager of the plain states division when he retired. Mr. Sigler is now an electrical engineer with the physical plant at Oklahoma University. He and his wife had lived in Norman while he was with the Oklahoma City office of Allis-Chalmers an main there now that he is with the University. Their daughter and three sons are all married and away from home. Mr. Sigler writes that "We will enjoy driving through Auburn campus on our frequent trips to visit relatives in Mobile."....

Harvey A. Wilkes '38 has retired as engineering officer at the 1100bed V.A. Hospital in Lexington, Ky. He retired as a colonel in the Corps of Engineers in 1973. He and his wife, Nancy, have moved to Universal City near San Antonio, Tex. Mr. Wilkes was one of the organizers of the North Texas and the Memphis Auburn Clubs

(Continued on page 12)



STORAGE-Useless machines which cannot be thrown away because they came from the government

line the halls in the EE Lab area. -Photo by Pat McArthur



ELECTRONICS LAB—Students with Prof. Honnell in his electronics lab.

-Photo by Pat McArthur

Revamped ME Program to Stress Energy & Production

By Kaye Lovvorn '64

Serving the needs of Alabama and the nation in the production and conservation of energy and in manufacturing is the primary goal for the Department of Mechanical

Engineering under its new department head, Dr. Royce Beckett. Mechanical Engineering traditionally has been concerned with power generation and with production, and because of the energy crunch those two areas have come into new importance in the past few

"In the area of energy, we have a very active program in

dustrial and commercial establishments involving boiler efficiency and modification. That work has led to big improvements in industrial processes and in developing new techniques for drying." He estimates that their work has brought in about \$500,000 in extramural funding to the department from such agencies as the

the areas of manufacturing cost to get it in the hands of the production. Enormous strides have been made in technology for production and in the use of feedback control and microprocessors and minicomputers which have made manufacturing engineering an entirely new field, highly sophisticated and demanding a great amount of analytical and synthesizing skills.

In an effort to answer that need, the Mechanical Engineering Department has taken the first step through a contract with the Army to develop an education program at Auburn in manufacturing engineering for Army personnel. The first eight students in the program came to campus this quarter to begin their studies.

Further expansion will be coming according to Dr. Beckett: "People in the field tell me that the greatest benefits they could receive from our engineering and scientific

program is in the area of produc-

user. It will take some breakthroughs and it will take research in order to obtain the breakthroughs. In order to produce cheaply you have to automate. If you are to make a lot of items cheaply, you can't afford to have people handling them. The essence of the question is how do you make parts reliably and adequately without having to handle them. A few companies now manage to do that. Kodak makes cameras and some companies make minicomputers and hand calculators that way. That's the reason they can be made so cheaply.

At the same time emphasis in mechanical engineering strengthens in some areas it may lessen somewhat in others. One of those is apt to be in the mechanics area where the department has been very strong, coinciding with its close alliance to the aerospace industry which reached its zenith in the late 60's. However, Dr.

General guidelines for the direction Auburn Mechanical Engineering will take will stem from "what we feel as a substantial responsibility to the State of Alabama," says Dr. Beckett. "We're trying to gear our program to meeting needs of the people of Alabama for engineering. Our energy work will be aimed toward helping the smaller industry have effective operations as is our work in design and production. We will be focusing on the needs of the small industry-those with \$300,000 to \$1,000,000 in sales per year-who can't hire engineering help and we are in a position that we can help.

The next step will be how to translate the research and extension emphasis into the student curriculum. "If energy and design and production are the most important areas of mechanical engineering, then we expect to reflect that in what reaches the students. That's not true right now in our curriculum and we are in the process of reviewing the curriculum in order to bring it in line with what we see as the needs and requirements of the mechanical engineer of the future.'

"We are sadly in need of equipment," says Dr. Beckett. "Our laboratories are not at all suitably equipped. We need laboratory floor space and equipment to put in the laboratories. We need major equipment in the area of simulation of activity. We need equipment that will demonstrate design and production problems and demonstrate energy conservation and efficiency. We are trying to acquire funds from industry and government-we have investigated every possible source—because we are quite sure we won't get more than a trickle of what we need from state appropriations.'

'We're trying to gear our program to meeting the needs of the people of Alabama for engineering.'

research and extension right now," says Dr. Beckett. "One of the big problems in energy conservation is to get the word out to the people who actually use energy as to what kinds of conservation measures to take, so extension is important. The other need is to perform research to find out what we can do to make the system more efficient, to make it use less BTUs.

In Mechanical Engineering's emphasis on energy research, Dr. Beckett points out the value of the work of Dr. David Dyer and Dr. Glenn Maples "in energy conservation for in-

National Science Foundation and the Department of Energy in addition to what it has meant to businesses on energy conservation. Adding to the research done by Drs. Dyer and Maples will be the work of four new professors whose backgrounds are in thermal science.

Turning from energy to the other areas where traditional expertise will be put to new functions, Dr. Beckett says that in the past 25 years mechanical engineering departments have focused on product design rather than on manufacturing production. "Indications are that serious deficiencies exist in

'One of the big problems in energy conservation is to get the word out to the people who actually use energy as to what kinds of conservation measures to take.'

anything, but the problem is producing it at sufficiently low to support that area.'

tion. They say they have the Beckett points out that "there is know-how to design almost substantial potential in mechanics and we will continue

ALUMNALITIES—Continued

Dr. John I. Wear '38 is now Professor Emeritus of Agronomy and Soils at Auburn after retiring following 32 years of teaching and research with the Auburn School of Agriculture and Agricultural Experiment Station. An expert in the need for minor elements for growing crops in the South, Dr. Wear's research established the need for small amounts of zinc for corn and boron for cotton on sandy soil. Dr. Wear and his wife plan extensive travel along with putting the golf car to good use which was presented to him by his colleagues...

Willard H. Tankersly '38 now lives in Decatur.... John B. Tucker '38 has moved to Ridge Manor, Fla.... McKinney L. Thomas '39 has moved to Huntsville.... William H. Troup now lives in Englewood,

1940

Gen. and Mrs. Emmett R. Reynolds '40 (Betty Baker '42), now live in Columbus, Ga.... Annie Lee Wilson McCord '40 lives in Wetumpka.

1941

New Addresses: Maj. Gen. G. Reid Doster, Jr., St. Petersburg, Fla.; Dan W. Hollis, Jr., Cleveland, Tenn.; Reba Frances Johnson Echezabel (Mrs. Joseph), Slidell, La.; William O. Hudgins, Mobile

1942

Dr. Clifton B. Cox, chairman and chief executive officer of Armour and Company, is the recipient of a 1977 Community Relations Award of the American Meat Institute, Dr. Cox is also vice chairman of the Greyhound Corp. of which Armour is a wholly-owned subsidiary. He has served three terms as chairman of the board of directors of the American Meat Institute, has assisted as a member of the Phase III Food Industry Ad-

(Continued on page 13)



ENERGY-Auburn mechanical engineering and architectural students recently did a study of the small community of Waldo with an eye to saving energy. Left

to right are Randy Parham of Zebulon, Ga.; Bill Foreman of Enterprise; and Paul Chancellor of Laurel,

ALUMNALITIES—Continued

visory Committee to the Cost of Living Council in 1973, and has worked with the Agricultural Policy Advisory Committee for the Multilateral Trade Negotiations of the U.S. Department of Agriculture. He is a member of the Advisory Council for the School of Home Economics at Auburn and is chairman of the Dean's Advisory Council for the School of Industrial Management at Purdue University, where he is a former faculty member. Dr. Cox holds an earned Ph.D. and an honorary one from Purdue.

1943

John H. Sanders, president of Eastman Chemical Products, Inc., of Kingsport, Tenn., participated in the fall quarter series of chemical engineering seminars at Auburn. He joined Eastman as a chemical engineer in 1946 and moved into marketing three years later. He later became sales manager for the chemical division, export sales manager, director of sales for the fibers division, and director of marketing for the floor-covering division. Mr. Sanders is a member of the American Institute of Chemical Engineers. He is on the Advisory Council for the Auburn School of Arts and Sciences...

Jack H. Adamson of Birmingham joined Sanders Lead Co. in Troy as a member of its executive management group on May 1, 1977.

Mrs. Sarah Green Palmer now lives in Montevallo.... Dr. John E. Anderson now lives at Robertsdale.

1944

J. David Schaffer is operating Colonial Animal Hospital in Annapolis, Md., for the widow of Dr. Stanley Seltzer '53

Stanley Seltzer '53....

George M. Hopkins will be listed in the 40th edition of Who's Who in America. He has been listed in earlier Who's Who's in the World, in Finance and Industry, and in the South and Southwest. Mr. Hopkins is a partner in the firm of Newton, Hopkins & Ormsby, Patent Attorneys in Atlanta. He is a registered professional engineer, after having earned a chemical engineering degree from Auburn while serving with the Navy during WW II. Mr. Hopkins was on the Auburn faculty during 1954 and 1955 as a legal counsel and assistant director of research of the Auburn Research Foundation.

1945

Dr. Robert Sharman of Auburn's School of Veterinary Medicine was one of five Americans on the Mexico-United States Screwworm Eradication Commission which met in Guadalajara, Jalisco, in November. The joint commission employs about 1,200 people. Between 40 and 50 planes fly daily over Mexico and the border areas to release sterile flies in a systematic manner.

New Addresses: Edward L. McDowell, Greer, S.C.; Dr. Albert G. Lowe, Miami, Fla.; Harry Jenks, North Little Rock, Ark.

1946

James J. Franklin now lives in Pine Mountain, Ga., where he joined Callaway Gardens with the education department on Oct. 1.

New Addresses: Mary Evelyn Howard, Jacksonville, Fla.; Juanita Arnold Fuller, Atlanta; Caleb V. Warrington, Jr., Miami,

1947

William S. Flanagan is president of Maragan Associates, Inc., in Nashville, Tenn.

New Addresses: The Rev. James L. Pharr, Sr., Opp; Claude W. Corcoran, Annandale, Va.; Col. James M. Dykes (Ret.), Stone Mountain, Ga.; Dr. John C. Deloney, Peterman; John S. Brewer, Valpraiso, Fla.; C. Ray Martain, Philadelphia, Pa.

1948

John Brock was recently named administrative manager of Hardee Phosphate Complex of CF Mining Corp. in Wauchula, Fla. He joined CF as personnel supervisor at the Plant City, Fla., phosphate complex in 1973 after leaving Du Pont where he had held various positions in their atomic energy and textile fibers plants. Mr. Brock and his wife, Laura, live in Valrico, Fla., with their daughters Libby and Renee.

Dr. Robert S. Barefield is director of Counseling and Testing Center and an associate professor of psychology at the University of Missouri in Rollo.

New Addresses: Foster A. Haley, Huntsville; W. Henry Bryan, Jr., Mt. Laurel, N.J.; Charles Joseph Plant, Jr., Gautier, Miss.; Perry M. Robertson, Jr., Cedar Rapids, Iowa.

1949

Jack H. Hartzog is now civilian personnel officer at Little Rock AFB in Jacksonville, Ark. He had held the same position at Blytheville AFB, Ark., for eight years prior to his recent promotion. He expects to retire from Federal Service in about three years....

Dr. William D. Mayfield, DVM, retired from the USDA as a meat and poultry inspector on August 1, 1976. He and his wife now live at Travelers Rest, S.C.... Alfred Edwin Booth is with Armstrong Cork Co. in Pensacola, Fla.

Charles F. Stephens operates Stephens Lawn and Garden Center in Gainesville, Ga.... Horace H. McCurry, Jr., has been promoted to manager of the cotton department at West Point-Pepperell's Fairfax (Ala.) Mill. He and his wife, Jane Bowling Frazier '49, have three children: Mrs. Robert Zeanah of Pensacola, Fla.; Marion McCurry of Opelika, and Horace H., III, a student at Birmingham-Southern College.

Jean Ennis teaches physical education at an American base near Chipping Norton, England, where she has a home, according to a letter to the Alumnews from Olga Bibza Adkins, a former Auburn faculty member who visited Jean while on a four-month trip to England and Wales.

NEW ADDRESSES: George F. Chambliss, Hurtsboro; D.E. Lewis, Shalimar, Fla.; Houston Carlisle, Cullman; Mr. and Mrs. William J. Polidoro (Grace Newman '41) Nashville, Tenn.; Harold H. Hartwig, Costa Mesa, Calif.; Judge W. Payne, Atlanta; Edith Clark, La Fayette; B. Floyd Younginer, Jr., Lakeland, Fla.



CHAMPION FLYING TEAM—The War Eagle Flying Team swooped the Southeastern Regional Collegiate Championship Air Meet held recently in Mobile, bringing back 14 trophies and the championship. Competing against six other teams, the Auburn team also took the top male and female pilot awards and the safety award. Pictured (left to right)

are: Allison Reynolds of Winter Haven, Fla., top female pilot; John Regan of Matawan, N.J., team captain; Van Swofford of Erwin, Tenn., top male pilot; Stephen Carter, supervisor of flight education and team coach; and Gary Kiteley, associate professor of aerospace engineering and faculty advisor to the team.

-AU Photo

1950

NEW ADDRESSES: Lt. Col. and Mrs. Grey H. Edwards (Margaret Maddox), Williamsburg, Va.; Frank E. Jones, Brewton; Adam J. Pow, Jr., Houston, Tex.; Lt. Col. Aaron A. Powers, Jr., Round Rock, Tex.; James M. Rittenour, Montgomery.

1951

Joe Thompson has been promoted to regional sales manager-transportation products for BF Goodrich Engineered Systems Division in Atlanta. He has been with the company since 1957 and became district managerfield sales in Atlanta, his most recent position, in 1968. He will now be responsible for the sale and market development of divisions including aircraft tires, wheels and brakes, skid control systems, and disc brakes for heavy-duty trucks. He and his wife, Shirley, and their three children live in Marietta...

Dr. Donald Ross Pitts is the director of Tennessee's state energy extension service, one of ten pilot programs in the U.S. Dr. Pitts had been on the engineering faculty at Tennessee Tech University for ten years and has extensive experience in private industry, the U.S. Energy Research and Development Administration, and the National Science Foundation. He will remain officially a professor of mechanical engineering at Tennessee Tech, assigned to the Tennessee Energy Authority in Nashville....

Gilbert M. Butler, agribusiness teacher at Sylvania (Ala.) High School, is president of the Alabama Vocational Agribusiness Teachers' Association. He headed the state delegation to the American Vocational Association Convention in Atlantic City in December....

NEW ADDRESSES: David F. Dunlap, Montgomery; Eldred C. Croft, Tampa; Col. Sam B. Barrett, Robins AFB, Ga.; Jean Mathison White, Houston, Tex.

1952

Leta Casey Thrower now lives in Sarasota, Fla., where her husband, Lt. Col. Richard Thrower (Ret) is with Hill Haven, Inc., a national convalescent hospital corporation....

Dr. and Mrs. John R. Cheyne (Marie Golson) have returned from Nairobi, Kenya, and are with the Foreign Mission Board, SBC in Richmond, Va.

J. Milton Blount is production superintendent at the DuPont coated industrial fabrics plant in Fairfield, Conn. He started with Du-Pont following his graduation from Auburn at the Savannah River Plant in South Carolina and in 1968 was transferred to Columbia, Tenn., cellulose sponge plant. Following assignments in production, technical, and maintenance areas, he was transferred to Connecticut in July. He and his wife, Betty, live in Trumbull, Conn. They have three children: John, a sophomore in music at Middle Tennessee State; Robert Lee, who recently graduated from high school and is with his parents: and Katherine, age 12.

NEW ADDRESSES: Robert D. Sansom, Jr., Owasso, Okla; Nolen B. Reynolds, Sedyard, Conn.; Col. Ralph Law, Evergreen.

1953

Mrs. Ethel W. Cantrell of Auburn has retired after 20 years as a teacher in the Opelika City Schools.

NEW ADDRESSES: Marie F. Adams, Albany, Ga.; Mr. and Mrs. Walter T. Lindsey (Emily Branyon), Indiatlantic, Fla.; Gus Young, Jr., Hamlin, Tex.; Mr. and Mrs. James E. Lineberger (Catherine Bailey), Crossville, Tenn.

1954

Herbert R. Jones is tool and die instructor at Bessemer (Ala.) State Technical College.... The Rev. Henry C. Bailey is now mission pastor for First Baptist Church of South Miami, Fla., and is serving the Kendale Lakes Baptist Mission in Miami. He and his wife have a daughter, Suzanne, who is a senior at Auburn in sociology.

NEW ADDRESSES: Thurston W. Sumner, Columbiana; Maj. Jimmie Hall, Merritt Island, Fla.; J. Cash Howell, Clanton; Jesse J. King, Alvarado, Tex.; Robert W. Beers, Chino, Calif.; Carl S. Strange, Jr., Spanish Fort; Glenda Hall Cummings, Spanish Fort; John J. Duncan, Columbus, Ga.

1955

Dr. L. Fred Welch has been named a Fellow of the American Society of Agronomy and a Fellow of the Soil Science Society of America. Dr. Welch is professor of soil fertility and coordinator of the Agronomy Research Fields at the University of Illinois. He has conducted research on nutritional needs of plants in terms of making the most profits for farmers and has been involved with the potential role of fertilizers as water pollutants. Dr. Welch has also had responsibilities in Extension and has used graduate students effectively in his research program, with a large number of them receiving advanced degrees under his guidance....

George W. Pyle has been promoted to colonel with the Air Force. Col. Pyle is assistant director of operations assigned to Pease AFB, N.H., with a unit of Strategic Air Command....

Frank Denney is supervisor of residential sales for Alabama Power Co. in Birmingham.... Dr. Roy O'Donnell of the Department of Language Education at the University of Georgia will assume the

Jobs for Many of Us & Products for Us All



EPA RESEARCH—John R. Kernan of the US Environmental Protection Agency's industrial research lab was on campus recently to review progress on a project funded in Auburn's Textile Engineering Department. Pictured with principal investigator Warren S. Perkins (left) and Prof. Robert Walker (right), Kernan examines fibers that will be chemically sized with a new process the engineers have developed.

—AU Photo

ALUMNALITIES—Continued

editorship of the journal Research in the Teaching of English with the May issue. He has been on the University of Georgia faculty since 1962 and earlier taught at Florida State, the University of North Carolina, and Mount Olive College in North Carolina. The magazine is one of eight journals published by the National Council of Teachers of English. Dr. O'Donnell coauthored their publication Common Sense and Testing in English, published in 1975.

NEW ADDRESSES: Carlton E. Mixon, Mobile; Al Sandra Smith Freeman (Mrs. M.G.), Atlanta; Freeman L. Johnson, Anniston.

1956

W. B. Webster has been appointed superintendent of the Tennessee Valley Substation of the Auburn Agricultural Experiment Station. He has been assistant superintendent at the Belle Mina Research facility since 1965 and earlier had worked as assistant county agent in Cullman County with the Auburn Extension Serivce. Mr. Webster holds a master's in agriculture from Auburn and has been elected to membership in the Auburn chapter of Gamma Sigma Delta, honor society of agriculture, in recognition of his contributions to agriculture while at the Tennessee Valley Substation. He is married to Joe Frances Frassrand.

BORN: A daughter, Victoria Leigh, to Mr. and Mrs. Walter Hannum (Ann Marie Powell) of Huntsville, on Sept. 8. She joins big brother, Lyle, 18, who began college at Lake Forest College, Ill., fall quarter with math honors and a swimming grant. Walter is with Patriot Software with the Army in Huntsville.

1957

Joe Bob Pearce retired from the Army on Aug. 31 with the rank of lieutenant colonel. He is now with Central Bank in Montgomery. During his career with the Army, Mr. Pearce received a master's in public administration from American University in Washington, D.C.; served a tour with the special forces at Ft. Bragg, N.C.; and worked with the Indochinese resettlement program at Ft. Chaffee, Ark., from 1975-77. He and his wife, Harriet, have two daughters, Holly, 14, and Susan, 12, who attend Montgomery Academy...

Dr. William C. Little works with the U.S. Sedimentation Bureau in Oxford, Miss.... Ralph B. (Bart) Morrow, Jr., lives in Santa Ana, Calif., where he is a scientist with the autonetic division of Rockwell International in Anaheim....

Ross W. Miller is president-elect of the Georgia Association for Supervision and Curriculum Development. He lives in Carrollton, Ga.

1958

Floyd S. Burdette, Jr., is vicepresident of finance and administration and secretary-(Continued on page 15) One out of eight industrial employees in the United States is associated with the textile industry. The number is even higher in the South where for a long time it was the only in-

dustry. But the connections are not limited to those who work there. Alabamians depend on the textile industries in ways they don't know. Obviously your clothes are textile products. But so are your toothbrush, your makeup brush, your new radial tires, and maybe even your shoes. Auburn's Department of Textile Engineering supports an industry which leads to jobs

polyester, nylon, wool—either manmade or natural fibers and convert them to consumer use or use them in something that will ultimately become a consumer product."

By Kaye Lovvorn '64

Many products that one never thought about having textile connections turned up in the list of examples rolling off Dr. Lynch's tongue—Fabric

Your toothbrush, your Makeup brush, your new radial tires and maybe even your shoes are textile products

for many of us and products for

When head professor Ken Lynch came to Auburn two years ago, Textile Engineering at Auburn was in a bad way—its facilities were delapidated, its machinery out of date, and enrollment way down. The Department's primary goals are to provide a good education for the students in textile engineering and at the same time provide good employees for the textile industry.

In order to do that, Dr. Lynch looked over the situation and decided he first had to reach a number of smaller goals, including restructuring the faculty in "types of talents to complement those already here, and revamping the curriculum to represent the quality of the faculty and subsequently the ability and needs of the industry. If you have the faculty then you have to have the necessary facilities so both student and faculty talents can be used-for without the whole combination of things you will come up short in preparation. Lab facilities are necessary to strengthen education and also to broaden and strengthen research, the majority of which points directly toward results for the textile industry.

In the priority of strengthening the faculty he looked for new faculty whose interests "are in the physical sciences as they relate to the formulation of textile products—whether it be complex manmade fibers or chemicals that we use, all the way to the consumer or near consumer interest in formation of textile composites such as yarn, fabrics, etc."

At the same time he worked toward equipping the faculty already at Auburn whose interests were directed toward "what we would call the primary textile industry—we're talking about the people who take fibrous material—cotton,

applications include "tire cord, medical applications such as an artificial aorta-remember the skinny neckties—they are made on the same principle. The same polyester as in slacks is used in the space industry. There was no way the space people could go to the moon or anywhere else without textile products. The parachute that brought the capsule back for splashdown, the collar around the capsule and flotation device, the space suits all depended on textile products. Automobiles won't run without textile products. Tires are textile products, fiberglas and polyester radials. When you ride an escalator, chances are the

moves to the curriculum: "We had a very highly-structured curriculum which we are broadening and making more flexible to the extent that it can serve the special interests of individual students. We don't believe that everybody should take the same courses, but we do believe there should be a core of courses, supplemented by those selected by joint effort of the student and faculty."

The Textile Engineering

Department has revamped the textile management curriculum, and the curricula for textile engineering and textile chemistry are under review. "We want to provide flexibility and broad educational experience. When we say that, we mean a broad base in textile as well as complementary supplementary courses from other schools on campus," says

Dr. Lynch.

"Obviously our main mission in the sense of an educational program is to provide one from which the graduates will be attractive to our industry. By the same token we can't make it so narrow that the student doesn't have a broad base to function from. That would be unfair to the student and to the industry, because it's very important that the young man or woman not just know how to control the making of textile composites, but also how to manage and use resources to serve that portion of the textile industry in which they have chosen to work-in other words to make themselves of value to the industry."

In support of his other objectives, Dr. Lynch set out to broaden the base of industry support for the textile engineering program at Auburn in both geographic and type of industry support. "For example, most of

'For every graduate there are several jobs if he's done a good job for us.'

handgrips are reinforced by textile products. The conveyor belts in coal mines and paper mills are textile products, as are your toothbrush and little eye makeup brushes.

"Almost everything we come in contact with is dependent on or complemented by textile products," Dr. Lynch continues. "Textile industries are tremendous boosters of other industries. For example they provide millions of dollars for the corn growers in the midwest by using starch in the weaving process."

Turning from the faculty and research application, Dr. Lynch

industry support was confined to Alabama, but our program serves other states as well. Then we wanted to broaden the type of industry that would be interested in our program. We were receiving little support for the manmade fiber industry."

Dr. Lynch has been very pleased with the results in that direction, he says, "simply because of the willingness of industry to support our efforts." In October the Department held an Industry Recognition Day to say thank you to the people "who had made an extra effort

(Continued on Page 15)

Textile Engineering

(Continued from page 14)

to help us during our renovation." More than 200 people—the majority of course from Alabama—came, with some from as far away as Rhode Island and New Jersey. In addition two foreign countries, Italy and Belgium, were represented.

That goal of increasing industry support and cooperation paid off handsomely in another of Dr. Lynch's priority areas the renovation of laboratories and the updating of equipment. "The total support from inthe east wing remodeled and put in working shape we would be O.K. for five or ten years. We need a minium of \$50,000-\$75,000 per year to replace equipment so we can keep even. We hope we can get out of the subpar situation and into a quality education situation."

The job market for textile graduates is excellent—"For every Auburn graduate there are several jobs if they've done a good job for us. We are trying to

Without help of textile industry 'we wouldn't be viable as a department'

dustry was in excess of \$500,000 in book value and in terms of replacement value would be closer to \$750,000."

That support has provided equipment for dealing with manmade fibers. "We now have means by which we can extrude manmade fibers and when we get through modifying the machine we can make three different fibers including polyester and nylon."

Another major contribution of the industry is in the ambient control lab which will be for processing and research. Much of the equipment has come from donations from the fiber industry.

dustry.

In addition to individual companies themselves, Dr. Lynch expresses deep appreciation for the support of the Alabama Textile Foundations, the Alabama Textile Manufacturers Association, and the Alabama Textile Operating Executives—"Without the support of these we wouldn't be viable as a department. Their continued support will allow us to become a first class program."

In addition to increasing its support from industry, the Textile Engineering Department has increased its work for industry and other groups off campus. In extension work for the industry, the department provides short courses in areas the industry needs—on the day of the interview 40 people were on campus for a textile short

course.

Dr. Lynch and his staff are also active in helping develop a textile program in the junior colleges and technical schools. They are currently involved with the programs at Alexander State Jr. College and at Snead State Jr. College as well as with the technical program at Opp.

But although things are on the move in Textile Engineering, they still have a way to go.

"When I came, the walls were falling away; now they've been patched up and some rewiring done. But we need maintenance money, we need more rewiring and remodeling. If we could get broaden the exposure of students so we will have even more people trying to hire our grads. We do have a lot of people to come to campus seeking them."

Auburn has no graduate program now in textile engineering and doesn't see one on the horizon, but Dr. Lynch is a "great believer in interdepartment cooperation and achievement," so any program the department would seek under his leadership would be an umbrella sort, in cooperation with other departments.

But in the meantime the focus is on strengthening the basic program in teaching and research efforts, which are largely multi-disciplinary programs involving physical sciences and creative interests. As Dr. Lynch explains, "Name a discipline and the textile industry draws on it."

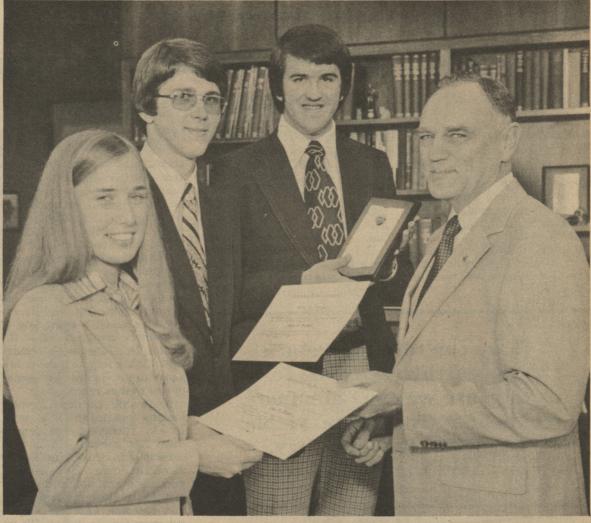
Alumnalities

treasurer for Diversified Products Corp. of Opelika. He had been secretary-treasurer of Diversified which he joined in 1970. He and his wife have three daughters....

Charles Darwin recently received the NASA Exceptional Service Medal. He is director of the Preliminary Design Office at Marshall Space Flight Center where he has worked since 1964. He and his wife, Georgia Ann McGraw '61. live in Huntsville. Ann is an executive secretary and an active real estate associate with Century 21 Chester West, Inc. Their sons, Charles, 18, and Mike, 16, are with them in Huntsville, where Charles works with Daywood Products and Mike is co-oping by working at Murphy's Mart while attending Grissom High...

Gerald Eisenlohr is a design engineer with the staff of Burlington Engineering Sales, a division of Carolina Steel Corp. of Greensboro. He and his wife, Barbara, live in Kernersville, N.C..

Roger R. Hemminghaus is vice president and general manager of Petro United, Inc., a new subsidiary of United Energy Resources, Inc., in



OUTSTANDING ENGINEER—An outstanding engineering graduate and two alternates have been selected for fall quarter in the Auburn School of Engineering. Pictured (from left) are Jan Dozier, alternate, mechanical engineering senior from Huntsville;

Mark H. McLeod, alternate, electrical engineering senior from Huntsville; Dennis DeWayne Harrison, Outstanding Engineering Graduate, a civil engineering senior from Dothan, and Engineering Dean Vincent S. Haneman, Jr.

Houston, Tex. He joined United in July after spending a year as general manager of the Energy Cooperative, Inc., refinery in East Chicago, Ind. He had been with Exxon Corp. since 1958. Mr. Hemminghaus is a member of the American Petroleum Institute, the American Institute of Chemical Engineers, the American Chemical Society, and the Society of Naval Architects and Marine Engineers....

J. Ray Warren has been awarded the professional insurance designation of Chartered Property Casualty Underwriter. He is resident claim superintendent for State Farm Mutual Automobile Insurance Company in Montgomery....

Dr. and Mrs. Frederick F. Feagin (Helen Nickerson) live in Birmingham where Dr. Feagin is professor of physiology and dentistry at the University of Alabama in Birmingham. The Feagins have three children: Suzanne, 16, Mark, 14, and Chris, 5....

Ney Park, Jr., recently had a one-man art exhibit at Baptist Medical Center in Montgomery. He generally does acrylic landscapes, which have won him several art

Evelyn Wheeler Whitsett has been legally blind and drawing Social Security Disability Benefits for over three years. Her experience was mostly in computer programming where she had no luck finding a job until recently when she completed a 12-week training program in Dallas where she was evaluated as one of the top in the class to become an interviewer with Social Security in Dallas....

C. W. Kidder operates Kidder Animal Hospital in Belle Glade, Fla.

1959

Mary Dunne McIlwain completed a specialist in education degree at Tennessee Technological University on Dec. 3 in elementary education....

Murray Kidd is a partner in the firm of Kidd, Wheeler and Plosser, Architects, in Birmingham....

Paul C. Smith received a Ph.D. in veterinary pathology from Iowa State University on Aug. 18.... Dr. Paul Clay Smith is with the University of Tennessee. He lives in Maryville....

Larry Roberts, who had been Extension Service area economist-farm management for North Alabama since 1965, has been named to the State Extension Office where he will establish and operate an economic and data storage and retrieval system and work with members of the Department of Agricultural Economics and Rural Sociology....

Wayne McCain is president and general manager of McCain Boiler & Engineering Co. in Birmingham. His wife, Ann Lynne Palmer, does volunteer work and teaches art classes for adults. They have three sons—Kyle, 17, Kent, 15, and Kevin, 9....

Rosamond Rencher Parrish teaches art classes at the Jacksonville, Fla., Art Museum. She did drawings and water colors for the 1977 Designers' Show House and Gardens souvenir booklet. After graduating from Auburn, she earned a four-year certificate in art at Flagler College in St. Augustine. Her work is handled by the Brush and Pallette in St. Augustine. She and her husband, Dr. John Parrish '57, have two sons, David and Robert....

Victor Lawson works with United Space Boosters in Merritt Island, Fla.

1960

Louis L. Gibbs and John R. Landers '67 now own Kelley Boat Company and Marina on Lake Lanier in Flowery Branch, Ga.... M. Scott Stringer is manager of Technical Services for Barwick Carpet Co. in LaFayette, Ga....

Ved P. Goel has been promoted to senior structural engineer with Fluor Pioneer, Inc., in Chicago. He lives in Mount Prospect, Ill., and is a member of the American Concrete Institute.

1961

Frank C. Watson has been appointed vice chairman of Lord & Taylor and a vice president of Associated Dry Goods Corp. He has been with Lord & Taylor since January, 1976, coming to that firm from Burdine's in Florida where he was a divisional merchandise manager. He and his wife, Mary Vance '62, have two children: Jennifer, 12, and Vance, 9....

Lee Ozley, executive director of American Center for the Quality of Work Life, came to Auburn in November to conduct three interdisciplinary seminars on the quality of work life for students and faculty in engineering, management, psychology, and sociology....

William H. Phillips, Jr., practices architecture in Williamsburg, Va., and Mobile, where he plans to open a second office next year. He is well-known in the area of historical restoration, refurbishing, and design, and worked for Colonial Williamsburg Foundation for 11 years becoming staff architect before resigning in 1972 to open fulltime practice. He had begun a private practice while working with the Foundation as the creative work began shifting to maintenance. Much of his practice work has involved adopting his experience in traditional and historical architecture in contemporary design. In 1969 and 1970, Mr. Phillips was a consultant for the refurbishment of the West Wing of the White House, which houses the Oval Office. He designed the table which is used by the President's Cabinet during White House Conferences. He

(Continued on page 16)

Like Getting Ready for Industrial Revolution

By Pat Keller '69

Dr. Paul Turnquist is fired with enthusiasm for his department and his profession, and he has reason to be. "In the next twenty-five years," he says, "the change in agricultural

production in the Southeast will be dramatic, and the kind of technology needed-whether for tilling fields, drying crops, or heating buildings—is going to put agricultural engineering right at the crossroads-at a threshold it's never been at

any in the country. The task that he sees before him now is to make sure that everyone in the department reaches his poten-

But while Dr. Turnquist has faith and confidence in his staff, he has little else to work with. Everyone in the department

'There can't be any 'return to the earth' way of life for us, because we can't eliminate technology. There is no viable alternative to technology. We just have to make it better.'

One example of the turns that technology will take may be seen in the vehicle automation lab in the department's annex, where Dr. Roy Young works his magic. Although Dr. Young is leaving Auburn for industry in April, the department plans to continue his work with automated controls for farm machinery. Already Dr. Young has developed a system in which a tractor follows a buried cable; the next step is to eliminate the cable, to develop above-ground signals. And if remote-control tractors seem just a little difficult to comprehend, the advantages to the farmer and farm economy are rather obvious. Such systems would save time and energy because the fully automated machine could perform specified tasks, such as control tillage depth. They would also give the farmer much more control over his farming operation. Every seed could be planted at a depth that the farmer specified; acres and acres of rows could be tilled to the same depth. Such automated uniformity should result in more uniform, less costly production, in the long run.

Another experiment underway, this one developed by Bruce Coody, a graduate stu-dent, is a fish handling project in which fish are mechanically removed from one tub and carried by a conveyer system to another tub a few feet away. If the fish-handling unit works with minimum damage to the fish, it may be modified and used to remove fish from ponds. It would definitely increase the efficency of commercial fisheries operations.

The Waste Management Lab, established by Dr. Hamilton in 1974, and the new solar energy poultry house, developed by Drs. Coon and Flood in conjunction with the Poultry Department, are two other projects of which the department is particularly proud. Dr. Turnquist believes that such projects are proof that the faculty, staff, and technicians in Agricultural Engineering rank as high as

would like to take full advantage of the boom in Ag Engineering, but to do so they must have adequate equipment and facilities. For this reason, the department as a whole and Dr. Turnquist in particular have instituted a five-year plan to bring facilities up to date and to acquire equipment needed for research and teaching.

At the crux of the plan is renovation. According to Dr. Turnquist, the department is twenty years behind in quantity and quality of laboratory equipment, but the department's first major step towards modernization will be major renovation of the agricultural building and annex. The main building would benefit mainly from better space and energy utilization and a lot of paint, but the building itself is more or less presentable-at least on the first floor. The annex, on the other hand, is both ugly and uncomfortable. It is dreary, dank, and dark-more like a dungeon than the laboratory area of a modern university. Presently, Dr. Turnquist says, approximately 90 percent of the gas heat goes right through the ceilings in the labs, which are not insulated, except for one lab with styrofoam over the windows. This particular lab is unheated. It does, however, have an air conditioner.

Not only are the labs too cold in winter and too hot in sum they also leak. While Dr. Turnquist was pointing out the favorable features of one downstairs lab, water from a fish project in an upstairs lab slowly began to trickle upon the machinery he was explaining.

The poor working conditions in the annex are rampantranging from discomfort to inefficency to danger. In one lab, metal benches are the only ones available for electrical equipment. "One misstep," says Dr. Turnquist, and shakes his head.

Fortunately, the department has done more than adopt a plan of action. Until renovation gets underway, the staff is keeping itself busy making what

changes it can. The department is now in the process of bringing the shops together and colorcoding the equipment. For example, metal-storage pieces will be painted yellow for quick identification. In the master plan for the annex, posted on a bulletin board in a downstairs lab, the position of every piece of present equipment is marked, and a space is reserved for every piece that the department needs but doesn't have. Yet despite obvious progress, a short tour of the annex brings home to the visitor Dr. Turnquist's remark that "It's going to take a few years to get our house cleaned and can get the job done and we out as well as renovated.'

Meanwhile, the department is looking forward in other ways. In Dr. Turnquist, the department has a head who is very conscious in conserving money as well as energy. He believes in making every dollar do all it can. His philosophy is to intermix research and teaching to get more for the dollar-"If we can use a piece of equipment for both teaching and research, we

He is pushing renovation in-stead of building for the same reason that he believes in sharing equipment. "In 1982 we are going to be full up and bursting at the seams," he says. "We're going to have to have room. I think we need to Butler build. I can't see building a new agricultural engineering building in five years. With a

Butler building we can build a relatively low cost floor space and add on another 60-foot length in five years or so. With a Butler building we can meet our needs more inexpensively. The building would be attractive

expect to see enrollment in agricultural engineering keep growing, both undergraduate and graduate, and we want to develop a solid graduate program. We now have two research associates to support

'One farmer produces enough food for about 55 other people. It takes technology to do that.'

can get more for our money.'

To make sure that the university, faculty, and student body get their money's worth, Dr. Turnquist plans to keep his department dynamic. Agricultural engineering is relatively small as far as engineering professions go," he says, "but the demand for graduates far exceeds the supply, and the demand is expected to be long-term. Salaries for graduates are excellent. Nationally there's a problem of getting enough students to go to graduate school to meet academic needs-salaries are so hard to match.

"We have 65 majors this year—35 last year—so we're looking ahead. We plan to work at keeping our own graduates here for graduate work and plan to recruit from other schools. We

the academic staff, but with a graduate program, we could increase the research load."

Dr. Turnquist has two very strong beliefs that he repeated throughout the interview. "The thing that makes a department go is people," he said, "and no school or university is going to be any better than its individual departments." And from what Dr. Turnquist says of his staff, he feels that his department will contribute to making Auburn a better university. His other belief is in technology. "One farmer produces enough food for about 55 other people," he said. 'It takes technology to do that. There can't be any 'return to the earth' way of life for us, because we can't eliminate technology. There is no viable alternative to technology. We just have to make it better.

AUBURN ALUMNALITIES—Continued

credits his success in private practice with designing "buildings for my clients" and not "monuments to the architect."...

Lt. Col. Don E. Butts became commander of the 123rd maintenance battalion of the 1st Armored Division on Nov. 21. The headquarters of the battalion, the largest in the division, is in Fuerth, Germany. With Lt. Col. Butts in Germany are his wife, Maria, son Dan, 14, and daughter Marleece. 9....

1962

Elzie H. Freeman has moved to Sunnyvale, Calif., for graduate studies at Stanford University in the School of Aeronautical and Astronautical Engineering. He is an electronics engineer with the Naval Coastal Systems Lab in Panama City, Fla. He and his wife. Brenda. have two children, Eddie, 9, and Anita, 7

Charles M. Bradford, a doctoral candidate in physics at the University of Denver, has been awarded the Annual Student Award from the Rocky Mountain Regional Section of the Society for Applied Spectroscopy for his research on groundbased monitoring of atmospheric tray constituents...

LCdr. Robert P. Buchanan is assigned to the intelligence staff of Headquarters, U.S. European Command in Stuttgart, W. Germany. With him are his wife, Ardine Armistead, and their daughters, Julia, 8, and Sarah Allyson, 7. They will be in Germany at least until

Dr. William Crews Askew resigned as principal process engineer with Stauffer Chemical Co. in Dobbs Ferry, N.Y., to become associate professor of chemical engineering with the University of South Alabama in Mobile. He and his wife, Lavonne, and their three children live in Mobile.

BORN: A daughter, Jennifer Lynn, to Mr. and Mrs. James K. Hultgren (Jean Friel) of Lawrenceville, N.J., on Feb. 27. She joins big brother, Jason William, 4. Maternal grandparents are Mr. and Mrs. William E. Friel '34 (Lois Bailey '36).

1963

Thomas H. Clark has been installed as the 27th president of the Greater Montgomery Home Builders Association. He lives in Wetumpka where he is vicepresident of Clark & Associates....

Charles W. Bunkley operates his own construction business, C.W. Bunkley, General Contractors, in

Eric Townson, a Murphy, N.C., architect, has received the 1977 Certificate of Recognition from the Duke Endowment for his design of the Ranger Methodist Church. The award is given yearly under the Randolph E. DuMont Design Program which seeks to promote excellence in design and construction of rural church buildings of North Carolina....

Tony L. Tarver is new manager of WestPoint-Pepperell's Langdale (Ala.) Mill. He has been with the company for 17 years and was manager of the Riverdale Mill before his promotion. He and his wife, Gloria Hardy '64, have three sons: Gregory David, 17, George Mark, 10, and William Scott, 8...

J. Sparks Collins has won \$500 in the Burroughs Wellcome Pharmacy Education Program. The money has been presented to Auburn in Mr. Collins' name to establish a revolving loan fund for deserving pharmacy students. He works with Gibson Pharmacy in Dothan.

BORN: A daughter, Marianna Dewees, to Mr. and Mrs. Vernon Dewees Crockett of Florence on Oct. 19. She joins brothers Chip, 8, and John, 2. Mr. Crockett is superintendent of grounds at the University of North Alabama....

A son, John Chandler, to Mr. and Mrs. James Edward Murphree of Huntsville on April 8. He joins James E. (Jed), Jr. Mr. Murphee resigned as director of athletics for the Huntsville City Schools to become business development officer for the Henderson National Bank in November, 1976.

1964

Deborah L. Owen is a home educator with the Appalachian Regional Child Development Center in Knoxville, Tenn.... Thomas E. Tartt is now director of industrial engineering in the technical depart-

(Continued on page 19)

Botany & Microbiology and the Race for Useable Space

By Pat Keller

When the Department of Botany and Microbiology moved into Funchess Hall in 1961, the building was brand-new and roomy, a dream-come-true for the twenty-eight budgeted per-

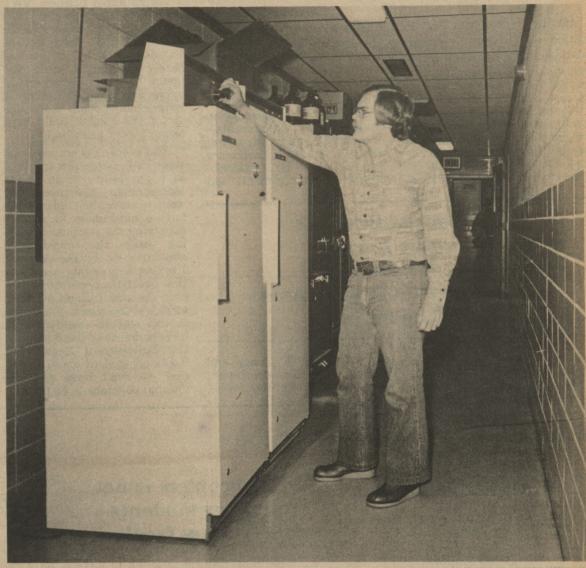
sonnel. There were even a seminar and a conference room.

In Fall Quarter, 1977, Funchess is still there, but a little worn and faded, as dreams go, for the seventy-eight staff members now attached to the department. The seminar room has been converted into the home office for fifteen graduate students, and the conference room is headquarters for three additional office personnel. But when the close quarters become too much for the staff to bear, they can go to the departmental coffee room, the room where they also mix soil and keep the greenhouse plants.

"The original purpose of Funchess was lost," explains Dr. J. A. Lyle, head of the department. "Over the years we shifted and improvised as the staff grew, and limited funds caused each department given

and the labs are on the same hookup," says Dr. Lyle. "There's no way to modify the temperature so that everyone can be comfortable. In the interior rooms, in one windowless lab in particular, it has been 98 degrees in winter. It's impossible to work there, but there's nothing we can do about it."

Because of space limitations and lack of support money, Dr. Lyle is concerned about the growth of the department, which now has 77 undergraduate majors and 34 graduate students and which also acts as a service department for other curricula throughout the university. Microbiology, for example, serves students from Pharmacy, Home Economics, Civil Engineering, and Food Science. The large loads result in night



EQUIPMENT IN HALLS—The space is so tight in Funchess Hall that the halls have become storage for the overflow from labs and closets.

—Agricultural Experiment Station Photo

'One Laboratory has been 98° in winter'

room in Funchess to cut back on space requirements. That's what happened to us."

The problem goes beyond overcrowding, although having two or three people per office certainly prevents the most efficient time management on the part of both academic and office staff. Part of the problem is the department's being unable to take advantage of all of the room alloted to it. "The air conditioning and heating for both the claustrophobic classrooms

labs, which are held two or three quarters of the academic year and overcrowding in general, especially in the labs.

The department could use more support personnel, Dr. Lyle says, because the biological sciences mandate more attention from assisting personnel than many other kinds of courses.

When asked about the need for additional faculty members, Dr. Lyle says, half-joking, "If we had another faculty member I don't know where we'd put him. But if somebody gave us one, I guess we'd find a place. We have 80 students in one microbiology course. Other courses are running 32-40 per class. Our advanced undergraduate and senior-level courses are limited to 14-16 students per class."

Dr. Lyle would like to see more support for the graduate teaching program, especially an increase in funds for graduate research assistants (the department now has 13), and microscopes, preferably electron microscopes. "And I would like to get rid of some of the red tape," he says emphatically. "It keeps us from meeting our goals as quickly as possible."

Research space may be an even larger source of concern since it is through research that the department discovers ways to combat plant diseases and pests and develops new and better varieties of plants. Stressing the importance of research, Dr. Lyle announces that if we have no plants, we have no animals, and if we have no

peanut seed. Now there are three research labs in it. It's steel and uninsulated.

"Our weed science research and fungal toxin programs are located in two labs in the basement of Comer," he continues, "not nearly enough space. The Experiment Station for the State is a basis for grants, but we could get more grants of larger financial consequence if we had more space to operate in."

But either Santa wasn't listening when Dr. Lyle was interviewed back before Christmas or he knows that Dr. Lyle doesn't believe in him, because there has been no recent relief



FACULTY OFFICES—Crowded offices such as this one housing three faculty members mean that a teacher cannot work or hold a student conference

without listeners, nor can a student come by his office or call without interrupting the work of three people.

—Agricultural Experiment Station Photo

'If we have no plants . . . we have no animals . . . and no food, fiber, and shelter for ourselves'

plants or animals, we have no food, fiber, or shelter for ourselves.

"One of the most insidious problems affecting crops is a small eelworm called the nematode," Dr. Lyle says, "but we have only one small laboratory adjacent to the greenhouse for that research. In 1948 we had a peanut lab. It was there temporarily for storage of

for Botany and Microbiology. Or perhaps all the jolly old wishbringer heard was Dr. Lyle's parting statement: "We in the department like Auburn. We have our problems, but we like the area, the freedom to work, the good equipment, and the good support personnel that we do have. Most of us in the department have been here more than five years, and we intend to stay."

Business Suffers Growing Pains

By Sharon Stacey '78

Business students learn that firms have definite life cycles—birth, growth, maturity, decline, and death. But they also learn that counter-active measures (increased quantity

and quality of inputs, a sound maintenance and repair program, and a constant effort toward regenerative improvements) can prevent a business firm from decline and eventual death. This same principle can be applied to an educational program. And since

faculty and students will be more attracted to Auburn.

The School of Business includes four departments—Accounting and Finance, acting head, Dr. A.J. Hill; Economics, headed by Dr. Eugene Stanaland; Management, head-

accreditation standards of the AACSB," says Dean Horton. Fall quarter the business school barely squeezed under the maximum limit of student credit hours per faculty member. A resignation or death in the middle of the quarter could have meant loss of accreditation.

'Our problem is not too many students-it's too few faculty,' says Dr. Henry, head of the Management Department. "We want to serve the students. We have a hard choice to makesatisfying the students or staying within the accreditation standards set by the AACSB. I've been here twenty years, and this quarter's registration has been the most difficult. We have stretched too much. According to the AACSB standards, we have a deficit of 51/2 faculty in the Management Department based on student credit hours. and we don't have any additional positions to be filled."

(teaching introductory courses) while the Management Department has one GTA (with ten years' experience in data processing) teaching the introductory computer course.

The shortage of faculty means that a student often signs up for a course two or three times before getting it. Frequently these hard-to-get courses are part of the requirements to get out of the pre-business program and declare a major. Even seniors have trouble getting the courses they need.

Just as important as the quantity of faculty is the quality of the faculty. "A key element in the development of any academic program is getting top quality faculty," says Dean Horton. Dr. Stanaland of the Economics Department agrees: "The success of a department depends on its faculty. If a teacher is not qualified, his deficiency will show up in his performance in the classroom."

The first step in getting a topnotch faculty is the recruiting process, which begins with the department heads and members of the faculty attending professional meetings. Here they conduct interviews and choose about three people for every position to come to campus for further interviews. The total number of positions depends both on the number of new positions and the number of replacements needed. Travel and board expenses for the applicants' trips to Auburn range from \$250 to \$300 for each person. In many instances, the cost of campus visits plus the cost of attending meetings to meet the applicants uses up over half of the total maintenance budget for the entire year.

The salaries offered by Auburn must be competitive. High demand exists in all of the business fields, not just accounting. Dr. Clinton Baker, head of Marketing, offers an illustration: "At a recent meeting of the Southern Marketing Association there were only 33 applicants for 183 job openings. We're trying to hire the cream of the crop. We must have something to offer then."

Since 1967 the faculty of the School of Business has been growing, both in terms of numbers and credentials, indicating that indeed Auburn does have something to offer. When the Department of Business became the School of Business ten years ago, 27 percent of the faculty held doctorates; today over 70 percent do. The Economics Department demonstrates the kind of changes taking place in the faculty of the School of Business: currently the 26member Economics faculty consists of 89 percent with the Ph.D. and 69 percent who are active in research. Seven years ago 59 percent of the then 21 faculty members held terminal degrees and 20 percent were active in research.

But at the same time the quality and quantity of faculty have been increasing, the budget to support them in their work has not. Support for faculty research, professional improvement, and travel to professional meetings comes out of the maintenance budget as do computer services, typing, telephone

(Continued on page 19)

School of Business in the top six percent of undergraduate programs in the nation

it began in 1967, Auburn's School of Business has been on a path to maturity and an infinite future.

"Excellence will be the hallmark of the School of Business," says Dean George Horton. "We want to provide our students with the finest and most productive education in business that can be obtained anywhere in the world. We have only begun to develop the kind of School of Business that we envision."

Since its change from a department to a school ten years ago, the School of Business has grown steadily. Today's enrollment of 3,000 (compared to 1,700 in 1967) makes it the second largest school on campus. The faculty has nearly doubled, and the curriculum has been expanded and modified to keep up with the constant changes in the business world of Alabama and the nation.

The school's growth can be attributed not only to the increased number of business majors, but also to its expanded service to the other schools on campus. The School of Business serves 30 percent of the student body, including students who want to take a few business courses to make themselves more attractive to prospective employers and those whose curricula require business courses. Interdisciplinary programs also allow the student to combine majors such as engineering and business or theatre and business.

In April, 1976, Auburn's School of Business joined an elite group of less than six percent of the schools of business in the nation when it received accreditation for its undergraduate program from the American Assembly of the Collegiate Schools of Business (AACSB). This accreditation awarded on the basis of the number of doctorates held by the faculty, faculty professional activities, the student credit hours offered, the number of hours taught by each professor, the curriculum offered, and the library holdings—means more and better job opportunities for Auburn graduates. Some companies won't recruit on campuses that aren't accredited. Also, accreditation means good

ed by Dr. John F. Henry; and Marketing and Transportation, headed by Dr. Clinton Baker.

> 'Our problem is not too many students it's too few faculty.'

These departments offer majors in accounting, finance, economics, general business, industrial management, food industry management, personnel management and industrial relations, marketing, and transportation.

The school offers three graduate degrees: the Master of Business Administration (MBA); the Master of Business in the area of accounting and finance, management, or marketing; and the Master of Economics. Right now, the graduate program is in the accreditation cycle with all activities geared to that goal. The graduate program must be accredited within five years by the AACSB or the undergraduate program loses accreditation.

Continued growth and progress cost money. "Quality education requires massive funding," says Dean Horton. "It is inappropriate to talk about the costs of quality education. Instead, we should concentrate on the costs of not providing Alabama's young people with quality education. I cannot think of anything that will contribute more to the development of our state and the economic well-being of our people than the kind of School of Business that we're going to develop here at Auburn."

The school's main problems stem from funding—or lack of it—funding for faculty, space, and equipment. The same needs exist in all four departments. And, if the school continues to grow as expected, the needs will continue to grow too.

"We live constantly with the

Dr. Hill, acting head of the Accounting and Finance Department, says that he does have the available positions, but his problem is finding the people to fill them. "Right now, the market for accountants is so tight that our majors have several job offers from which to choose when they graduate. A student hesitates to go to graduate school when he has a very lucrative job offer as an alternative. Then, the people who do get their master's and Ph.D.'s in accounting are snapped up by accounting firms and industry. Our salary scale just does not compete with what businesses can offer.'

The school constantly plays a catch-up game without ever getting ahead. New faculty are hired based on the increased student load one quarter, but the next quarter, enrollment increases again and a shortage of teachers continues to exist. And the school needs a buffer in the number of faculty to prevent a strain if someone should become unable to teach in the middle of the quarter.

Graduate teaching assistants are used to a certain degree to eliminate some of the problem. But, here again, the AACSB standards bind the school. The standards allow only a certain percentage of non-terminaldegree teachers. In addition, Auburn's lack of a doctoral program in business means that the available GTA's usually are not much more advanced than the students they would be teaching. The Accounting and Finance Department uses only three GTA's in the classroom



STUDENT BUSINESS COUNCIL—Rusty Parker (left), Douglas Eddleman, and Billy Ainsworth, and Cindy Walker are officers of the student council of the School of Business. Rusty and Douglas are representatives to the Student Senate and Billy is president of the student body and the student council. Cindy is student body and council vice president.

Needs Space, Faculty, Maintenance Money

(Continued from page 18) service, and administrative personnel.

"My department has had a 50 percent increase in faculty with only a ten percent increase in maintenance funds, 'says Dr. Baker of Marketing. "I know that paper clips, ink, and xeroxing seem to be stupid things to worry about but they're

necessary."
In the Economics Department, three secretaries serve 28 faculty and nine graduate assistants. Naturally around mid-term and finals time, tests back up. "We're trying to run a Bel Air Chevrolet on Volkswagen money," says Dr. Stanaland, department head.

Lack of space constitutes another major problem in the School of Business. At the beginning of fall quarter, two classes met at the main office of the business school fo see if classrooms had been found for them. All of the department heads look forward to the eventual move of the Geography Dept. from Tichenor Hall to Miller Hall. This move, which has been imminent for two years, will open up at least four classrooms and four or five offices for business use. In the meantime, the departments are trying to make-do. The Accounting and Finance Department converted the faculty's coffee nook to an office and partitioned other offices in order to get more office space. Fall quarter an accounting class met across in the auditorium of the home economics building. Previously mandatory labs have been eliminated from upper level accounting courses. Other departments are resorting to more and more afternoon

the School of Business needs additional equipment. Projectors, amplifiers, lecterns, screens, video tape equipment are only the basics of those needs. One of the main deficiencies exists in the computer facilities. The basic data processing course, offered in the Management Department and required for all business majors and many nonbusiness majors, and 565 students enrolled fall quarter. This course, along with other business courses that draw on computer applications, put a huge strain on available computer facilities. Day and night students stand in long lines waiting for computer center terminals. The situation has been so bad that the department has authorized alternating homework problems to different sections of the course and had made graduate student assistants available to help students debug their programs.

In addition to more facilities

Department is developing a new

All those needs add up to what method for teaching the basic Dean Horton means when he statistics course in which the says, "A strong faculty and

> 'Our problems are a result of progress and growth and this is exciting. Our problems won't defeat us.'

seminars and attend labs using tapes and films. But the new method requires new equipment and the budget is stretched to

students will meet in small library within a productive environment is the prescription for academic excellence.

In its effort to increase the learning experiences of its students, the School of Business sponsors special programs including the Distinguished Speakers Program, and the Honor's Day Program. Each promotes communication between students, faculty, and leaders in the business community by bringing businessmen to campus and sending faculty and students to business.

The Distinguished Speakers give lectures to students and facutlty and then conduct a question-and-answer session. The Executive-in-Residence program builds on this experience by extending the visits of executives to three or four days in which they meet with students to discuss their firm's particular programs, goals, and problems. Both the Student and Faculty Internship Programs

place their participants in selected business firms for a quarter. The student becomes more acquainted with the business world and his potential employer observes him at work. Faculty broaden their knowledge of business and can subsequently better prepare their students. The Honors Day Program recognizes and rewards outstanding students and encourages excellence.

The School of Business has come a long way in ten years. It now attracts the best business students in the state. For example, six of the top ten scores on the CPA exams for the past five years have been made by Auburn graduates. Also, last spring quarter, Auburn sent five nominees to Montgomery to compete for scholarships to be awarded by the Alabama Society of Certified Public Accountants. After tests and interviews, all five came back to Auburn with scholarships.

Of course the school has its problems. But, as Dr. Hill of Accounting and Finance says, "Our problems are a result of progress and growth and this is exciting. Our problems won't defeat us."

"We are limited only by our own imagination," says Dean Horton. 'We are faced with some fantastic opportunities. We are dealing with visionwhat do you see when you look out there in the future? I see a School of Business equal to any. We know our problems and now we're looking for people who can help do something about them. Change is a definite constant. We have two alternatives—to be part of it and let it work for us or to be dragged along by it. Let's point on down the road. I look at those six out of ten high scores on the CPA exam and I think-Why not ten out of ten?

'We're trying to run a **Bel Air Chevrolet** on Volkswagen money.'

to cope with the data processing course, the Business School needs special classrooms and equipment for other areas. The

the limit, so the lab will have to

Library resources also rank high on the list of priorities for the School of Business, and they require significant financial in-

A student often signs up for a course two or three times before getting it.

classes to help solve the problem. "The students will just have to adjust, even the working students," says Dr. Henry of Management.

As well as faculty and space,

Accounting and Finance Department wants to set up classrooms which demonstrate an industry situation to help acquaint the student with the business world. The Economics

ALUMNALITIES—Continued

ment of Olin Corporation's Ecusta Paper and Film Group, with responsibilities at the plants in Pisgah Forest, N.C., Covington, Ind., and Watertown, S.D. He and his wife, Molly, and their two children live in Brevard, N.C....

Mr. and Mrs. Raymon A. Heaton (Virginia Bishop '67) live in Stone Mountain, Ga., where he is a senior engineer with Scientific/Atlanta. They have three children: Susan, 10; Leigh Ann, 71/2, and Allen, 4....

James F. (Jimmy) Hitchcock returned to Auburn in 1976 and received a teaching certificate in distributive education, which he is now teaching at Selma High School

Don Morgan, D.V.M., has been honored by being named Citizen of the Year by the Greater Largo (Fla.) Chamber of Commerce. The youngest man to ever receive the award, he was honored for his support of city, county, and school programs and for his community leadership....

Barbara Jack Garbett Carter lives in San Diego, Calif., where her husband LCdr. John Carter is a flight instructor in the Navy's F14 reconnaissance program. They have one son, Trey, 14....

Maj. Stephen W. Brown is in Korea as an intelligence officer with the Army James K. Cantrell is assistant manager of WestPoint-

AUBURN ALUMNALITIES—Continued Pepperell's Riverdale Mill in River View, Ala. He has been with the company since 1964. He and his wife, Joyce, have two sons: James

Mark, 11, and Michael Alan, 7. Corrin Dale Scrivner is an account executive for Raymond James Investment, Inc., in Nokomis, Fla.... Ted Hiley is a section manager for engineering equipment and contracts with Burlington Industries in Greensboro, N.C..

Dr. Donald M. Elkins has received the National Association of Colleges and Teachers of Agriculture's top award for good teaching. He is professor of plant and soil science in the School of. Agriculture at Southern Illinois University. Other teaching honors Dr. Elkins has received include the 1971 Amoco Foundation Good Teacher Award and the Outstanding Faculty member (named by students in agriculture). He has received the agriculture faculty service award and became a full professor at SIU in 1974....

Robert E. Lowder is new chairman of the board of Exchange National Bank of Montgomery. Mr. Lowder, one of the Bank's organizers, has been secretary of the board of directors since the bank opened in 1974. He serves on the Executive Committee of the Auburn Alumni Association....

Ronnie H. Wynn, president of Colonial Mortgage Co., has been in Atlanta....

elected to the board of directors of Exchange National Bank of Montgomery. He is a member of the Mortgage Bankers Association of America and the Mortgage Bankers Association of Alabama. He serves on the advisory committee of the

Auburn School of Business.... Dr. Douglas Wayne Morgan is director of the Dunwoody (Ga.) Animal Hospital which is an approved member of the American Animal Hospital Association....

G. Heflin Sanders is advertising manager of Winn Dixie at the Montgomery Headquarters. He holds a BFA from the San Francisco Academy of Art....

Daniel J. Codespoti has received a Ph.D. in computer science from Kansas State University and is now an assistant professor at the University of South Carolina.

BORN: A daughter, Kimberly Ann, to Mr. and Mrs. Henry L. (Hank) Miller, Jr., of Piedmont, Calif., on Aug. 22. Hank is sales representative for Knoll International, based in San Francisco.

1965

William S. Smith is now city manager for Bainbridge, Ga.... Maj. Dee Kennedy has completed a master's at the University of South Alabama, where he is an Army ROTC instructor David R. Hinds is with Sears, Roebuck & Co.

Joel T. Sullivan has been promoted to mortgage loan officer for BancOhio/Ohio National Bank, in Columbus, Ohio. He has been with the company since 1970

Dr. John L. Junkins joined the faculty of Virginia Polytechnic Institute and State University as professor of engineering science and mechanics early this month. He had been associate professor of aerospace and mechanical engineering at the University of Virginia (Charlottesville) for the past eight years. He and his wife, Elouise, and 10-year-old Steve and 5 year-old Kathryn would enjoy letters, calls, or visits from Auburn friends at their new home in

BORN: A son, Walter Edwin, to Mr. and Mrs. Walter Earl Whatley (Mary Marshall Pruett) of Birmingham on Oct. 19 A daughter, Beckha Ruth, to Mr. and Mrs. James E. Alderman (Janice Ruth Norman '66) of Helena on Oct. 25...

A son, Thomas Seth, to Mr. and Mrs. Tommy Taylor of Gonzalez, Fla., on Aug. 23.... A son. Brian Carlton, to Mr. and Mrs. Richard C. Webb of Athens, Ga., on Oct. 14. Brian joins older brother, 5, and older sister, 61/2. Richard is the division industrial marketing supervisor for the Athens Division of Georgia Power Co....

A son, Benjamin Thomas, to

AUBURN ALUMNALITIES—Continued

Joan Edmondson Rose and her husband of Marietta, Ga., on July 19. He joins older sister Jennifer, 5.

1966

Maj. George C. Hitt is communications systems development engineer at Offutt AFB, Nev., with a unit of the Air Force Communications Service. He earned an M.S. in 1976 from the University of Southern Mississippi.... Capt. Joe A. Buttram recently participated in Giant Voice '77, the Strategic Air Command's bombing and navigation competition. He is an instructor pilot at Rickenbacker, AFB, Ohio, with the 32nd Air Refueling Squadron....

Michael McHargue is now manager of WestPoint-Pepperell's Riverdale Mill. He has been associated with the company since 1962. He and his wife, Mavis, have one son, Cameron Michael, 8 Barbara LaIacona Auclair has moved from Montreal to Huntsville where she teaches in the Department of Foods and Nutrition at Alabama A & M...

Mr. and Mrs. Kenneth O. Larson (Sandra Hevrock '67) live in Duluth, Ga., with their two children, Stacy, 5, and Brandon, 2. Ken is a recruiting consultant in Atlanta for John Barton, Assoc., and Sandra has a private accounting practice.... Pat Powers Bruce lives in Montgomery with her husband, Charles, and their two children. Charles, III, 9, and Brandy, 3. Her husband owns Edward's Pipe & Tobacco Shop.

Capt. Janet Schwieker Kennedy is assigned to the U.S. Army Hospital in Augsburg, Germany. She is the chief of the Food Services Division at the hospital, and has purchased a camper in order to see Europe during the next two years.... Becky Beall Galdoris and her family have moved to Virginia Beach, Va., where George is stationed. They have one son,

Capt. Roger M. Ashley is a logistics staff officer assigned to the

Faces in the News





Fravne Lanham

Two young Auburn alumni, John D. Frayne '70 and Benjamin T. Lanham, III, '67, have been promoted to vice presidents with Merchants National Bank of Mobile. Mr. Frayne, manager of the Citronelle State Branch of the bank, holds the basic certificate of the American Institute of Banking and has completed numerous other courses. He is a former president and chairman of the board of the Citronelle Area Chamber of Commerce and former chairman of the Citronelle Area United Fund. Mr. Lanham, new vice president and trust officer, holds a law degree from the University of Alabama and will graduate from the National Graduate Trust School at Northwestern University later this year. He was recently elected to the executive committee of the Trust Division of the Alabama Bankers Association.

Air Force Aquistion Logistics Division at Wright-Patterson AFB, Ohio Mr. and Mrs. Roy A. Parker (Lynn Jones '67) will soon be moving from Enterprise to Montgomery where he will be District Claims Manager for Alabama Farm Bureau Insurance. He will supervise Farm Bureau adjusters and claims in seventeen central and southeastern Alabama counties. Roy joined Farm Bureau in 1967 as a claims adjustor and was appointed senior claims adjustor in 1972. They have two children, Tate, 6, and Casev. 3

Sen. George McMillan of Birmingham was named one of Alabama's four Outstanding Young Men of 1977. The award, sponsored by the Alabama Jaycees and Liberty National Life Insurance Co., was for the senator's leadership in the areas of interstate highway development, prison reform and sponsorship of the bill that created the Alabama "Sunset" law....

Capt. Leland H. Plowman has earned the second award of the U.S. Air Force Commendation Medal for meritorious service at Kincheloe AFB, Mich. He is a B-52H Stratofortress aircraft commander at Ellsworth AFB, S.D.... Carlos Martin is farming near Grand Rinde, Oregon, and recently co-founded People for Peaceful Power, a citizen's action group whose purpose is to outlaw the operation of nuclear power plants and the storage of nuclear wastes in the state of Oregon

Mr. and Mrs. Cecil C. Wilder (Ann Romine) live in Jonesboro, Ga., where Cecil is the band director at Jonesboro High School. Ann teaches private french horn lessons, and they both play in a county brass quintet. They have two children, Betsy, 9 and Debbie, 5.... Rev. and Mrs. Roy B. Riddle, Jr., (Brenda Armstrong) are now at the First Baptist Church in Smyrna, Ga....

Walter J. (Jack) Nivens, Jr., has been named assistant controller for the Consumer Products Division of WestPoint-Pepperell in West Point, Ga. He has two daughters, Claire Elaine, 10, and Ann 8...

Mr. and Mrs. James K. Chapman (Carolyn Ezell) have moved to Huntington, N.Y., where Jim is Northeast sales manager with Olin's Ecustac Paper Division. They have one son, Jimbo, 13 W. Gary Winsett is with the T.E. Stivers Organization, Inc., of Decatur, Ga. He works with industrial and agricultural projects and his responsibilities have included overall management of design in process, electrical, and mechanical fields.

Sherman Potts is assistant director of data processingtechnical support with WestPoint-Pepperell's Management Information Center in Fairfax. He and his wife, Rosalyn have two daughters, Sonya Jill, 11, and Julia, 4...

BORN: A daughter, Noelle Mary, to Mr. and Mrs. Dan Conger (Nancy Munn) of Richardson, Tex. She joins brother Bill, 8 A son, Lee Warren, to Mr. and Mrs. Joe Donald Craft of Huntsville on Oct. 22.... A son, Robert Clayton, to Mr. and Mrs. Clay Gibson Griffin on Aug. 10. They are living in London where Clay is a drilling engineer with Phillips Petroleum Co.... Ason, Ryan Williams, to Mr. and Mrs. William Goldhammer (Melva Tarrant) of Highland Lakes, N.J., on Oct. 13. He joins brother, Kip, 2.

1967

Charles C. Moore, Jr., of Con-

yers, Ga., has been promoted to credit manager at Atlanta Gas Light Company. He joined Atlanta Gas in 1968 and has previously held positions in general and customer accounting, systems and procedures, as well as serving as assistant credit manager since 1975. He is a major in the U.S. Army Reserve and is active in the Jaycees.... Raymond H. Anders is contact engineer in materials for Chrysler Corp. of Huntsville. He and his wife, Carolyn, have two children, Scott, 8, and Amy, 3....

Mr. and Mrs. Thomas Powell (Kate Noble Robert Thomas '70) and their four children have been transferred to Detroit, Mich.... Dr. Burch G. Cameron graduated with honors as a Doctor of Dental Medicine from the University of Alabama in Birmingham in 1973. He is practicing in Columbus, Ga....

Capt. Terry O. Adkins is base veterinarian at F.E. Warren AFB, Wyo. He was recently awarded a master's in public health at the University of Minnesota at Minneapolis.... Dr. Thomas R. Elliot is now assistant headadministrative services for the Alabama Cooperative Extension Service at Auburn University. He had been assistant director of admissions for Auburn since 1970....

Henry M. Brazeal works for Country Clubs of America at Pebblecreek Country Club in Taylors, S.C... Capt. Gary M. Patterson is an air surveillence officer at Tinker AFB, Okla. He received his M.S. in 1976 from Troy State University's extension in Wiesbaden, Germany, while he served at Pruem Air Station in Ger-

Capt. James T. Lindsey, Jr., is course director/instructor at Wright-Patterson AFB, Ohio, with the Air Force Institute of Technology. He previously served at Offutt AFB, Ohio, and received his M.S. degree in 1976 from the University of Nebraska at Lincoln....

Dianne Perry Wammack and her husband, Dennis, have moved from Houston to Birmingham where they have opened a camera specialty store, Cameras/Brookwood. They have two daughters....

Alan Philip Hinds is with General Telephone of Ohio in Marion, Ohio Jett Gibson Brown has received a degree in social welfare from Pacific Lutheran University in Tacoma, Wash., and is now director of admissions at the Annie Wright School, a private boarding and day school in Tacoma. She lives in the nearby town of Steilacoom with 11year-old twins, David and Lynn.... Janet Morrow McGettrick received a master's from Georgia State and now teaches in Kingsport,

BORN: Adaughter, Susan Leigh, to Mr. and Mrs. Bud Millenbaugh (Jane McPherson) of Clarksville. Tenn., on Oct. 30.... A son, David Paul, to Mr. and Mrs. Paul Anderson (Margie White) of Troy on Oct. 24. He joins sisters, Pamela, 6 and Penny, 4....

A daughter, Elizabeth Floy, to Mr. and Mrs. Joseph Edward Braswell (Floy Dorinda Smith) of San Antonio, Tex., on July 27.... A son, Jeffery Michael, to Mr. and Mrs. Joseph D. Turnham on Aug. 20. He joins brother Joseph Carey, 4. Father Joseph is a special agent serving as chief of the Plans and Programs Branch at the Washington, D.C., headquarters of the Air Force Office of Special In- librarian at Stanhope Elmore High

vestigations. The family lives in Woodbridge, Va.

1968

Manning T. Jeter, III, is currently a special agent in the U.S. Secret Service in Birmingham... W.C. Baggett, Jr., exhibited his collection of recent water colors in the Biggin Instructional Gallery in early November

Capt. Jon Monahan is stationed at Hanscom AFB, Mass., as an aeronautical engineer with the Air Force Systems Command. He received his M.S. in 1970 from the Air Force Institute of Technology at Wright-Patterson AFB, Ohio Walter F. (Walt) Johnson, Jr., has recently formed a partnership for the practice of law under the name of O'Dell and Johnson in Columbus, Ga....

Capt. R.W. Dade was recently assigned to Headquarters SAC in Omaha, Neb., as an instructor at the command post. He also flys the T-39.... Gerald G. Carley received his M.S. in mechanical engineering from Louisiana State University in 1976 and is now a senior operations analyst at General Dynamics in Fort Worth, Texas. He is also a hurricane reconnaissance pilot with the 815th Weather Reconnaisance Squadron at Keesler AFB, Miss....

Eduardo Garcia, DVM, is director of The Veterinary Medical Clinic, Inc., of Tampa, Fla., which has been accepted as a member hospital by the American Animal Hospital Association.... Capt. and Mrs. James M. Mask (Marie Barnes '69) live in Hinesville, Ga., where he serves in the Air Force. They have two sons, Chadwick Michael, 5 and Trevor Barnes, 2, both born in England

Richard E. Lovejoy, mechanical engineer with Naval Coastal Systems Laboratory in Panama City, Fla., recently received the Pi Tau Sigma Gold Medal awarded by The American Society of Mechanical Engineers. The award was presented for distinguished achievement in mechanical engineering within ten years of graduation. At the Naval Laboratory, he is involved in applied mechanics as it relates to the design, testing, and evaluation of special purpose mine acoustic countermeasure devices to be used in sea water. He is a member of the Society of American Military Engineers and the American Society of Mechanical Engineers. He and his wife, Reba, have three children.... Mr. and Mrs. Kelvin Ross, Jr., (Diane Middleton '65) live in New Orleans, where Kel is chief of industrial engineering for AMAX Nickel Refining Co.

BORN: A daughter, Catherine Marie, to Mr. and Mrs. Wesley C. Hammond (Suzanne Smith '67) on October 8. She joins Danny, 8, Leesa, 4, and Elizabeth, 2. Wesley is the chief engineer at Moody AFB,

1969

Ray K. Parker was formally installed as a member of the Board of the American Institute of Architects on Dec. 9. He will serve three years as the AIA and state coordinator for the national membership program. His community activities have included working with the United Fund, the Arkansas Art Center, and the Boy Scouts of America..

Dr. and Mrs. Robert R. Payne (Lila Flint '70) live in Birmingham where he has a private practice in dermatology Joan O'Daniel, a

School in Millbrook, has been selected to receive Millbrook's BPW Woman of Achievement Award. She was honored during National Business Woman's Week in Oc-

Hubert H. (Bert) Musgrove recently moved to Tacoma, Wash., after living the past five years in Greece and Germany. Before returning to the states he made his second visit to Tanzania, East Africa, and climbed Mt. Kilimanjaro with a group of German, Swiss, Tanzanian, and South African climbers Li Anne Weed recently transferred to Birmingham from Atlanta with The Insurance Company of North America as a commerical underwriter....

Capt. Donald R. Holloway has received his M.S. at the Air Force Institute of Technology, where he majored in aeronautical engineering. He is remaining at Wright-Patterson AFB with the Air Force Systems Command.... Robert W. Kuhlman has been promoted to an associate of the firm Stevens & Wilkinson Architects, Engineers, Planners, Inc., of Atlanta. He joined the firm in 1969 and has served as projects architect of designs for Rich's Inc., and Sears, Roebuck, & Co. as well as various military projects. He is currently project manager for the new Central Passenger Terminal Complex at Hartsfield International Airport in Atlanta. He and his wife, Judy, have three children, Wesley, Gregory, and Tanya....

Capt. Guy V. Bradley has received the Meritorious Service Medal at Randolph AFB, Tex. He was cited for outstanding duty performance while assigned to the Field Operations Branch, Measurements Division, Directorate of Systems Evaluation, Headquarters, Air Force Communications Service, Richards-Gebaur AFB, Mo. He now serves as an instrument instructor pilot at the instrument Flight Center....

Anthony C. Drake, DVM, is director of The Animal Clinic in Montgomery which was recently accepted as a member hospital by the American Animal Hospital Association. He has been director of the clinic since 1969.... John A.

Faces in the News





Lane

Richmond B. Terry '59 has been named vice president of manufacturing for the Industrial Fabrics Division of WestPoint-Pepperell in the Lanett office. He was manager of the Langdale (Ala.) Mill before his promotion. He and his wife, Shirley Anne, have three children: Tana Lynn, 16; Richmond B., Jr., 13, and Christopher John, 5.

Wyatt C. Lane, Jr., '59 is now cost and budget manager for the Lanett Group of WestPoint-Pepperell's Apparel Fabrics Division, based in Lanett. For the past ten years he has been an accountant in the cost department of the company's Industrial Fabrics Division. He and his wife, Linda Lee '59, have a son, James Wyatt, 7.

Chicken Costs Less Than in 1950

By Kaye Lovvorn

With the price of everything going up, you can be forgiven if you haven't noticed that the price of chicken is lower than it was in 1950. But you ought to know that a lot of credit for

that fact goes to Auburn's Department of Poultry Science Poultry work has been going on at Auburn much longer than the department has existed. The first course appeared in 1912, moved to Home Economics in 1920 and stayed there for the next 20 years, because, of course, caring for the farmyard poultry was considered the responsibility of the housewife.

husbandry with six courses had been offered in 1928, and in 1947 poultry became a separate department with D.F. King as head. A master's was offered the same year, with the first degree awarded to Theo Coleman (now on the staff of Michigan State) in 1948. The first interdisciplinary Ph.D. went to Dr. Harry Herlick (now of the USDA's Animal Parasitology

'You couldn't get a Veterinarian to look at a sick chickenthe visit would cost more than the chicken'

By 1940 poultry was beginning to develop out of the backyard and into an industry in Alabama-the Alabama Bankers Association had seen the writing on the wall as far back as 1924 and provided the money for an extension poultryman—two had been added to the staff. That same year Auburn acquired its first poultry building (it's still in use) and the first egg-laying contest in the South took place here. Also that same year came the first poultry research in an attempt to upgrade nutrition, and by 1930, Auburn scientists were so ambitious as to try to produce eggs year 'round.

By 1934, breeding attempts had produced the Auburn leghorn, demonstrating that genetic resistance to disease and parasites in poultry was possible. A major in poultry

Institute) in 1961. In 1959 Dr. King moved to a fulltime research position and Dr. Claude Moore became head of Poultry Husbandry, which changed its name to Poultry Science in 1961.

Dr. Moore continues to head the department today and he and his staff continue to work to make poultry production more efficient so that you can feel the difference in the pocketbook. In the future much of that difference may depend on such Auburn research as that involving the solar heating of chicken houses and the artificial breeding of chickens.

"Historically, the Auburn program has been heavy in parasitology and pathology and we got into that research because the vet schools were not



CHECKING-Dr. Claude Moore studies information on the solar broiler facility and on the new environmental -Agricultural Experiment Station Photo

too concerned with poultry dis- program to do something about ease," explains Dr. Moore. "Poultry got started as a backyard industry. Chickens were cheap and you couldn't get a veterinarian to look at a chicken when it got sick-the visit would cost more than the chicken. The situation in Alabama was not any different than that in the other states at that time and the Auburn Vet School was heavy in teaching rather than in research. Dr. King and Dean Funchess decided that if poultry was going to develop in Alabama then we would have to have a research

the disease and parasites in chickens. Alabama has something of a tropical climate which made the problems particularly bad.

A strong Auburn program developed in the area, and the work by the Auburn faculty has lead to the development of effective vaccines for the control of poultry coccidia and cholera. Its staff includes Dr. S. Allen Edgar, whom Dr. Moore calls "the best known authority on poultry diseases in the nation. Even today the Department teaches the course on avian diseases to the students of the Auburn school of Veterinary Medicine.

Another area in which Auburn poultry science is strong is that of housing and physiology. "Housing is important because as we get more sophisticated in industrial production," explains Dr. Moore, "then we need better housing and better management in poultry production.'

In the early Fifties, Poultry

(Continued on Page 22)



DETAILED RECORDS—Detailed records of energy requirements for broiler production in the solar house

will help determine the feasibility of solar heat in broiler production. -Agricultural Experiment Station Photo

Agricultural Experiment Station Photo



SOLAR HOUSE-Poultry Science Department studies will determine the success of growing broilers in solar-warmed poultry houses.

Producing Broilers 1 lb. meat per 2 lbs. Feed

(Continued from Page 21)

Poultry brings in

1/3 agricultural income

in state

Science introduced caged layers to the Southeast. Today it's experimenting with solar-heated chicken houses.

"Agriculture doesn't use a lot of energy in terms of the percentage of total energy used in the have to tear down everything and start over in order to use solar energy.

The Poultry Science Department is in the middle of moving all its research housing facilities from the Southern

growers to provide the best environment for the most economic chicken production.

Further Auburn research in physiology concerns the possibility of artifical breeding for broiler production. "Most turkeys now are produced from artifically fertilized eggs," Dr. Moore explains. "They don't use natural matings for turkeys any longer because the reproductive rate for modern turkeys which have been bred for size is very low from natural matings and when you pay \$1.00 each for turkey hatching eggs, you want to be sure they are fertile."

Dr. Moore believes similar advantages can be gained from artifical mating for broiler production. "The breeding process wouldn't take as many males and therefore you could pick the best. Now they use one male to every eight or ten females. With artificial breeding, we could use one male for 100 females; we could select the best one rather than the best ten. The males

control." The housing studies ble of getting people to grow will enable Alabama broiler hatching eggs. It's more work to produce hatching eggs, and people would rather have eggs or grow broilers. Egg production is

costs-you get more data and better data but you still have to pay to get it and things like utilities keep going up." Dr. Moore expects that the utilities

'We know more about chicken blood types than about human blood types'

U.S.," says Dr. Moore. "However, as in poultry, we must have what we do use. For instance, you can't grow baby chickens without heat unless you have the mother hen to keep

them warm.' Agricultural Engineering is sharing its expertise with the Poultry Science Department on the solar house, which is also benefiting from the knowledge of the Departments of Mechanical Engineering and Agricultural Economics and the National Weather Station on

Dr. Moore explains that the solar house is designed as practically as possible, "to see if it's feasible to take off-the-shelf equipment and hardware and apply them to brooder chickens. We want to know if you can take solar collectors, etc., and put them to work on the buildings we already have or if we will

edge of campus to a new farm, out by the old prison camp. A part of that new farm is a very sophisicated basic physiology building which Dr. Moore describes as, "probably the best facility of its kind in the nation. We can do studies with small groups of chickens on air needs,

> 'We just don't have enough students to meet the job demand'

the effect of various gases on birds, lighting, and humidity

could be selected larger and larger and the females could remain small-smaller females tend to lay more eggs and more cheaply.

"From our point of view artificial breeding would be better because it would be more efficient and would produce bigger chickens. From the industry standpoint it would advantageous because of the trou-

School in Alexander City....

Adaughter, Melinda Zuber, to Mr. and Mrs. Frederic G. Rixey (Joanne Zuber '69) of Bir-

(Continued on Page 23)

ALUMNALITIES—Continued

Drummond, M.D., is the chief resident in internal medicine at Grady Memorial Hospital in Atlanta and an instructor in medicine (infectious diseases) at Emory University School of Medicine.

Russell R. Enfinger is assistant vice president and commercial loan officer with the First National Bank in Birmingham. He also attends the Birmingham School of Law where he is a junior Capt. Harry B. Gibb is living in Paris where he is assigned to the Office of the Defense Attache. His brother, Capt. Henry D. Gibb, is stationed with the 101st Airborne Division at Fort Campbell,

Mr. and Mrs. William R. (Bill) Money (Caroline Mann '71) are living in Englewood, Fla., but plan to move to Ft. Myers where Bill teaches math at Edison Junior College. Carolyn works for the US-China Peoples Friendship Assoc., a non-profit educational organization devoted to aiding relations between the U.S. and the People's Republic of China. She made her second trip to China in November, leading a tour of women active in the women's liberation movement in the U.S. She will return to China in February to lead a tour of business persons....

Capt. Kenneth W. Bigbee and his 379th Bomb Wing team from Wurtsmith AFB, Mich., won the first Doolittle Trophy in the Strategic Air Commands' bombing and navigation competition, Giant Voice '77. Participating in the threemonth-long competition, Capt.

was darization/evaluation electronic warfare officer on the elite B-52 bomber crew. The trophy will be presented annually to the B-52 unit whose crews compile the most points on their final low level bombing missions...

Jack Burkhalter has joined the staff of Auburn Bank & Trust. He received his master's in business administration from Georgia State in 1973. He and his wife, Carolyn, and son, Jay, 3, came to Auburn from Atlanta, where he served as a branch manager and assistant vice president for First National Bank of Atlanta. He was director of the Atlanta Jaycees, and district chairman of the United Fund.

MARRIED: Elizabeth Kogen to Arthur N. Ryan on May 7. They live in Chicago where Arthur is an account executive for Campbell-Mithun Advertising.

BORN: A son, Jason McLeod, to Mr. and Mrs. Larry Q. Williams (Nan McLeod) on Oct. 23.... A daughter, Courtney Marie, to Mr. and Mrs. William G. Scott (Linda Marie Villani). She joins brother, Billy, 2. Bill is business manager/controller for the New Orleans Chamber of Commerce.... A daughter, Allison Wallace, to Mr. and Mrs. Edwin S. Fuller (Louise Still '73) on Sept. 30. She joins brother Scott, 2. Edwin is a field underwriter with New York Life Insurance Co. in Tallapoosa County and Dadeville. Louise teaches English at Benjamin Russell High

Stadium Honors R.M. Lewis '68

The Richard M. Lewis Memorial Stadium was dedicated in a pre-game ceremony on Nov. 4 at Lake Braddock Secondary School in Burke, Va., in honor of the late Richard M. Lewis '68, who died last year of aplastic anemia. He was head football coach and math teacher at the school.

A school board resolution cited "the unflagging determination of Richard M. Lewis to succeed in the face of a disease which was to take his life is an inspiration to the students, staff, and parents of the community."

Surviving are his wife, Linda Kronfield Lewis '69 and son. Robbie. The community has set an educational trust fund for Robbie at the Herndon Federal Savings & Loan Assn. in Herson, Va.

much easier in a cage operation where you have eggs rolling out on a belt and into a room that is air conditioned and cleanmuch easier than having to get out in the hen house and pick up eggs out of the nest as you do hatching eggs.

Recently the Auburn Poultry Science Department has resumed its studies in nutrition: "We hadn't done any studies in poultry nutrition at Auburn in years, but since feed is the most costly item, we felt we needed to get back in that area. Dr. David Roland is doing work on eggshell quality now. The poultry industry loses about 15 percent of egg production because the shells are not sufficient to get the eggs to the consumer's table. Shell quality depends not only on the quality of the bird but also on its ageas the bird gets older, shell problems get heavier."

Yet still another area of study at Auburn is blood chemistry and performance. Dr. Moore explains that chickens have blood types just like humans.

Actually we know more about chicken blood types than about human blood types and about the physical traits that are associated with them. Of course with chickens we can do controlled experiments that you can't do with humans. In studies of blood types associated with physical tendencies and how the blood type affects the physical, for instance, we have pretty good evidence that certain types of tumorous growths are more frequent in chickens with certain blood types."

Moving from the research program to the teaching program, Dr. Moore frankly admits that his department doesn't have enough students in graduate or undergraduate programs to fill the jobs available—"Not a day passes that we don't get an inquiry from someone looking for someone to employ. We just don't have enough students in our teaching program to supply the demands of our industry and we feel we should be training more people who are trying to serve the needs of human beings, but we just don't have the students.'

Poultry brings in better than one-third of the agricultural income in the state of Alabama, according to Dr. Moore, "and the industry has grown so fast that the University has not kept

Research funding is important—"We have to run to keep up. Moving into a new research station doesn't cut for the same number of birds at the new facility "will probably be three times higher. I got a shock when I got the insurance bill for the new buildings. They are metal buildings-won't burn—yet our insurance bill is four times higher than it was in the old building.

"Then as we get more sophisticated in research it takes more sophisticated equipment and this costs money. For instance we are using a blood cell counter like they use in hospitals in our artificial breeding research. It is much more efficient than taking a little sample and putting it before a microscope and counting the number of sperm in a little square, but that machine cost

"Technical help is the most economic thing about a program. If a research faculty member has three technicians instead of one, his work can be extended so much further. A research professional's time is far too valuable to be used in collecting data. He is much more efficiently used in planning and supervising and writing and interpreting data and letting the trained technicians do the data collection.

"But the main problem in our program is the underfinancing of the day-to-day maintenance items-feed, chemical supplies, equipment to do a job, utilities (mainly electrical), and of course trained technical help.'

State support for the research that goes on in such departments as Poultry Science is getting more and more important as the federal support which has been so valuable in such areas moves on to other

"The Federal people have said that poultry production is so efficient that they need to spend money on other areas that are not so efficient. However, even if poultry is more efficient than fisheries—which is debatable— or other animal production, percentagewise in the next five years, we could make more progress than any other area except fisheries which is so un-

"For instance, right now we are producing broilers one pound of meat on two pounds of feed. Five years ago, it took 21/2 pounds of feed for each pound of broiler meat. Five years from now it could be a pound of meat for 1.75 pounds of feed. And a lot of this knowledge would be available if we just had the people to get it out.

Auburn Club News

The Sumter County Auburn Club held its annual meeting October 22 at the Sparkman Hunting Club. Outgoing president Sam W. Jones. Jr., '35 moderated at the listening party attended by 19 War Eagles. New officers of the group are B.B. Williamson, Jr., '42, president; E.E. Gaither '33, vice president; J.E. Walker '46, secretary; Johnny Bell, Jr., '70, treasurer, and Ed Billingsley, II, '61 and Clinton McClure '32, directors.

Chattanooga Auburn Club members met Sept. 20 for a dinner meeting at The Chattanooga ChooChoo. Approximately 115 people were present to hear speakers Coach Ralph (Shug) Jordan and Dr. Julian Holmes of the Alumni Association. Officers of the group are Dwight P. Montague 72, president; Jack W. Anderson '47, 1st vice president; Dr. Walter L. Martin, Jr., '53, 2nd vice president; Dr. George W. Scorey, III, '75, secretary; and John G. Chisolm '70, treasurer.

Auburn President and Mrs. Harry M. Philpott were special guests for the Sept. 8 meeting of the Middle Georgia Auburn Club. President Philpott was officially welcomed by Warner Robins Mayor Foy Evans who presented him with the key to the city. President Philpott reported on the university and plans for the future. Club President Lee Christian '68 presided at the meeting attended by 103 members and friends. It was the largest gathering for a club meeting in the area in many

Seventy members of the West Florida Auburn Club met in Pensacola on Nov. 19. Special guest for the meeting was Jim (Red) Phillips, former Auburn All-American. Dudley Gunter '59 presided over the business meeting attended by 70 area alumni. New officers of the group are: Dudley Gunter '59, president; B. Farrell Killingsworth '64, 1st vice president; Eleta Parris Burch '70, 2nd vice president; Sidney S. Keywood, Jr., '70, 3rd vice president; Sophie Franklin Ranney 73, secretary; and Rhett Donaldson '76, treasurer.

Quad-Cities Auburn Club held its annual meeting on July 27 in Florence. Outgoing president W. Dick Jordan '66 presided. A program chairman, Bob Hurt '58, and a committee to help him was chosen to work on next year's annual meeting. Committee members include M. Eugene Harris, Jr., '60, Dr. Jim Holladay '59, and Hank Self '72.

Baton Rouge Area Auburn Club members held their annual Christmas dinner on Dec. 3. New officers of the group are W. Morris Welch '68, president; Cecil C. Hagood, Jr., '52,1st vice president; Bill Drake '76, 2nd vice president; Barbara Daughtry Gosser '60, secretary; and Lloyd M. Hegler '72, treasurer.

More than 400 local alumni turned out when the Jefferson County Auburn Club held its annual Senior Banquet on Dec. 15 honoring 21 Auburn senior football players. Members of the banquet committee included John Hughes '50, chairman; H.B. Lee, Jr., '61, tickets; Joe Akin '61, Harriett Hesse Morgan '62, and Nancy Waller Nall '62, decorations; Phil Neel, painting; Jim Lott, Jr., '59, programs; Ben Ash, Jr., '75, awards; Ed Vaiden '51, publici-

Participating in the program were A.T. (Tab) Beatty '55, club president and master of ceremonies, along with Mike Neel '73, Bill Renneker '65, Pat Sullivan '72, and Coach Doug

Officers of the club for 1978 include John F. Hughes '50, president; William W. (Bill) Renneker 65, vice president; H.B. Lee, Jr., '61, secretary; Harriett Hesse Morgan '62, associate secretary; Joseph A. (Joe) Akin, Jr., '61, treasurer. Members of the executive committee are Paul B. Adamson, Jr., '59, George A. Atkins '55, A.T. (Tab) Beatty '55, James M. Brown, Jr., '46, J.E. (Ed) Chapman, Jr., '56, William D. (Bill) Helton '51, L.S. Hart, Jr., Eddie F. Matthews, Jr., '72, Michael A. (Mike) Neel '73, William E. (Bill) Porter '57, Dave T. Roberts '74, Pat Sullivan '72, Carol Ann McWater Thomasino, Travis Tidwell '49, Bobby R. Trammell '62, Ed P. Vaiden, Jr., '51, James O. (Jim) Walker '57, and Johnny R. Wallis '50.



Auburn Sports Roundup

True to form, the Auburn basketball team is bouncing through another season of wins and losses. Currently 5-6 overall, the Tigers are 2-2 in the SEC. High point of the so far mediocre season was winning the Marshall Tournament in early December by defeating Southern Illinois 66-65 and Oklahoma State 112-94. So far, these are the only back-to-back victories for Auburn. Other than these, the road has been disastrous for the Tigers with losses to Iowa 82-105, USC 74-85, Temple 73-74, and Tennessee 76-80. Besides the Marshall Tournament, the only other road win for the War Eagles came against Georgia 76-69. In the televised game against Tennessee Jan. 4, Auburn lost not only the game but also the

services of freshman center Bobby Cattage who suffered a pulled hamstring and will be out indefinitely. The Tigers, led by seniors Mike Mitchell, Stan Pietkiewicz, and Myles Patrick defeated Vandy 74-61 on Jan. 7, only to fall to the #1 Kentucky Wildcats 77-101 on Jan. 9. Mike Mitchell, strutting his stuff in pre-conference action, was named MVP in the Sugar Bowl Tournament as well as the Marshall tournament.

JOHNSON A HAWK-Eddie Johnson, ex-Tiger basketball star and Auburn's career scoring leader, has signed a fiveyear contract with the Atlanta Hawks of the National Basketball Association.

LEONARD'S LOSERS-Five members of the 1977 Auburn football team were named to the Leonard's Losers All-America Team, an all-star team made up of athletes who played on teams with losing seasons. Representing the Tigers were linebacker Freddie Smith, fullback Willie Andrews, offensive guard Lynn Johnson, tight end Reese McCall, and

placekicker Jorge Portela.

WOMEN CAGERS—The Lady Tigers, led by junior Marianne Merritt, are currently 1-7 on the season. Beset with injuries following a accident on the way to a holiday tournament, the women's basketball team recovered and faces the problem of inept second-half play. Two of their past three games found the Tigers being heavily outscored in the second half. The single victory came against the University of South Alabama, 73-35.

SWIMMERS-Although freshman Rick Morley had two firsts and set an AU record, it wasn't enough against the University of Tennessee as Auburn lost 50-63. Morley's record came in the 1000-yard freestyle with a time of 9:22:11. He also won the 500-yard freestyle. Sophomore Scott Spann also scored two firsts, those coming in the 200yard individual medley and the

200-yard breaststroke. WOMEN-Following a 72-59 loss to Clemson University, the women's Swimming and Diving team evened its record at 1-1 with a victory over LSU. In the 68-63 come-from-behind victory, the 400-yard freestyle re team composed of Shawn Corrigan, Kathy Miller, Donna Cain and Suzanne Regis recorded a time of 3:37:67. This time qualifies the relay team for AIAW national championships to be held in Durham, N.C., in

WOMEN'S GOLF-The AU women's golf squad ended the fall portion of their schedule in November, placing fourth out of five teams in the Beacon Woods Invitational held in Florida. The spring schedule will open on March 30 in Greenville, S.C.

town, Pa. He and his wife, Sharon Synco '73, and their two children (James Howard, age three, and Brian Daniel, 6 months) live in Bethlehem, Pa.... David Allen Norris recently joined Southern Airways as a pilot after separating from the Navy. He, his wife Sandy, and children Colby, 7, and Rebecca Rae, 3, live in Riverdale, Ga....

Gary Thorsen is new industrial marketing engineer for Georgia Power in the St. Simons area. He had been with the company's industrial marketing department in Atlanta before the transfer. Gary and his wife, Malinda, are living on St. Simons Island

Lt. Thomas W. Fos pleted a tour as an operational test director with the Navy's air test and evaluation fighter squadron. He is now flying the F-14 Tomcat with Fighter Squadron Eighty-Four in Virginia Beach, Va.... Michael Kolen, known to Auburn fans as Captain Crunch, is a partner in the Montgomery real estate firm Kolen-Cooper during his off-season from the Miami Dolphins. He and his wife, Nancy Ann Washburn, have two children, Kelly, 6, and John, 3....

Larry J. Stephens is manager of West Point-Pepperell's central distribution center at Des Plaines, Ill.

He had been with the Russell Corp. for several months before returning to WestPoint-Pepperell. He and his wife, Jenny Lester '71, have a daughter Tiffany Michele, 2....

L. Steve Lipham fills the new position of expediter in the office at WestPoint-Pepperell's Lanett (Ala.) Bleachery and Dye Works. He had been a training director for the past four years....

Dr. David E. Rodgers, DVM, operates Key Largo Animal Clinic in Key Largo, Fla... Mickey Mc-Cartney is building houses and preparing to attend school at the University of Colorado. He lives in Boulder.... Frederic D. Chapman s a project engineer for Joy Mfg. Co. in Birmingham....

Mr. and Mrs. Howard D. Danley (Nancy Owenby '69) now live in Fort Collins, Colo., where Howard is a graduate student at Colorado State. They have two sons, Chris, 31/2, and Jeff, 1.... Nancy Pressley is a media specialist at Enterprise State Jr. College

Randy Lewis, a patrol plane 2nd pilot flying the P-3 Orion with the Navy at Jacksonville NAS, Fla., was in Auburn for a few days recently. He traveled to Auburn from

(Continued on page 24).

ALUMNALITIES—Continued

mingham, in Oct. 12. Melinda joins brother Adam, 3.... A son, Evan James, to Mr. and Mrs. David R. Mr. and Mrs. Donald B. Wood Stone on Sept. 21. David is sales manager with Metropolitan Life of Macon, Ga...

A son, Matthew Phillip, to Mr. and Mrs. John E. Brennan (Becky Heldreth '71) on Oct. 6. He joins brothers John, III, and Christopher. The Brennans live in Chesterton, Ind.... Twins, a son and daughter, to Mr. and Mrs. Billy Trawick (Pamela Price) of Auburn, on Sept. 14. Cecily Joyce and Stephen Garrett join sister Alice Raye, 3....

A son, Kevin Taylor, to Mr. and Mrs. Robert G. Jones. Robert recently received his master's in business at the University of Minnesota.... A son, Brian Alan, to (Kathleen Ann Woods) of Huntsville, on Oct. 25. He joins brother Brad. 5....

A daughter, Valoris Reid, to Dr. and Mrs. Ronald Lee Smith (Sara Roddy) on August 26. The Smiths live in Flagstaff, Ariz., where Dr. Smith is an assistant professor of mathematics.... A son, Joseph Wayne, to Mr. and Mrs. Wallace S. Ingram of Marietta, Ga. He joins Laura Leish, 7, and Wade, 3.

1970

James H. Carlson is with Air Products and Chemical Co. of Allen-

Education From the People for People

By Pat Keller '69

If an Alabama banker wishes to know land values in the Black Belt region, a high school principal wants to know the effect of job counseling on former students' careers, or a

farmer needs to know how to set up a campground in the north pasture, the Department of Agricultural Economics and Rural Sociology can supply him with the information. Dr. Joseph Yeager and his staff have this information because they have gathered it themselves, expressly for the purpose of making it available to those who want and need it.

"We have a strong teaching program," he says. "but all our teachers also carry on research. Every week we get several letters from businessmen and others requesting help. We help them when we can, and our help and publications are free." For Dr. Yeager's department, then, research and service are closely

the lake might not succeed because the local population's income would be too limited to support such an establishment, while a simpler, less expensive form of recreation, such as a boat rental dock, might succeed very well. Obviously, knowing the makeup of the population in a given area would have great impact on the type of recreation which should be developed.

In the early Seventies, the Rural Development Act recognized the importance of people as resources. Three Piedmont counties, Clay, Cleburne, and Randolph, were chosen for a special research project. The program studied leadership among people of the area, the role of public services—in short,

Want to learn how to set up a campground in the north pasture? These folks will help you-free.

In addition to working as teachers and researchers, faculty members serve in other ways. They are members of organizations, both professional and lay groups, both and work with groups such as farmers and agribusinessmen who need help with special projects, especially in farm management and marketing. Projects may be in-state, as the department's work with farmers in Hopewell Community recently, or if a project involves federal funds for research, it may be regional. One regional research committee, for example, is working with a problem in cotton marketing-lack of uniform quality. Because even-quality cotton gives a better price, agricultural economists from Auburn, as well as other areas of Alabama, and from Georgia, and Tennessee, are all working together to solve the problem. Dr. Yeager believes that working with people from other states benefits both faculty member and farmer.

Although farm management and marketing will always be important to the department, resource economics has become more and more significant in the past few years. As part of its contract research, for example, the department studies recreational resources. By learning what resources are available and how people would prefer to use them, the department aids the state in making the best use of its recreational development money. In some communities, for example, a luxury resort on

what the people of the region expected and wanted from their government and for themselves. The departmental sociologists have a share in the program also. It is the sociologists—there are four within the department-who have been studying rural youth and their aspirations; that is, what influences the rural youth in job choices, etc. Generally, programs such as this one involve five-year studies as a follow-through.

Departmental research receives more publicity than teaching, probably because the research is so practical and because it is published and mailed to those who request it. On the shelves in his office, Dr. Yeager has hundreds of attractively-bound, interesting booklets ranging in content from catfish growing to interest on savings. Still, teaching is very important to Dr. Yeager and his staff. "One course in the department has ninety people enrolled in it." says Dr. Yeager: "this department generally has smaller classes. In our department, the individual gets the emphasis.

The tie between teaching and research is especially helpful, Dr. Yeager believes, for the graduate student ready to work on his thesis project. Very often, the student can combine his thesis with departmental research. Thus he may be able to work on a project that would be impossible for him had he to depend upon his funding alone. Yet Dr. Yeager also believes in having the student work on

is interested in. Mei-Ying Jenny Chen chose to do an importexport topic entitled "A Study of Taiwan's Agricultural Economy with Emphasis on International Trade, Particularly Between Taiwan and the United States.'

something that he, the student, seem at all content with things as they are. Presently, he is concerned about the small number of blacks in agriculture, particularly in his department. To try to encourage blacks to take an interest in agricultural economics and to go on to graduate school, Dr. Yeager's

> Faculty need an opportunity to go out in the business world and catch up with what's going on

able to take advantage of their particular talents. Almira (Polly) Gilbert, a Spanish-speaking graduate student in sociology, developed a questionnaire in Spanish for use in a regional study in Puerto Rico. As a result, she was invited to travel to Puerto Rico to do research, and at no expense to herself.

Dr. Yeager is obviously proud of his students and their accomplishments, but he doesn't

Other students have also been department is involved in a joint program with Sociology. In the summer program, which is taking place in conjunction with Alabama A & M in Huntsville, students are invited to Auburn, where they take five hours and work in the department of their

When asked how the department could be improved, Dr. Yeager did not begin his remarks in the usual manner. "We could do more in working with agribusiness firms," he

ALUMNALITIES—Continued

Jacksonville by bicycle, making his first long distance trip, although he rides to work (about 30 miles one way) two or three times a week.

Michael C. Hill received a Ph.D. in inorganic chemistry from the University of Georgia in August. He and his wife, Dr. Brenda Wallace '73, live in Cincinnati, where he is a research associate in the Department of Chemistry at the University of Cincinnati and his wife is an instructor in the same depart-

Dr. Cecil H. Bullard is currently doing a residency in Fresno, Calif.... Allen Reed was recently promoted to manager of investments management for Delta Air Lines in Atlanta. His wife, Martha Reimer '69, is an agent for Nelson Realty in Atlanta. They have a son, Brian, age 2....

Patrick E. McIntosh is with the U.S. Fish and Wildlife Service in Miami, Fla. He and his wife, Francine, have a daughter, Patty, 3.... Frank D. Marsh is assistant general counsel and assistant attorney general with the Alabama Department of Industrial Relations. He had been with the Alabama Department of Court Management as research director and staff atjoining Relations....

James G. (Jim) Hutto has separated from the Air Force and is now a pilot with Braniff International Airways. He and his wife, Maggie Golden '71, live in Memphis, Tenn., with daughter Ashley, 11/2. They write they are happier to be closer to War Eagle Coun-

Christopher L. Crawford has been promoted to assistant vice president and manager of money operations for First National Bank of Atlanta. He has been with the Bank since 1972 and earned an MBA from Georgia State in 1976. He and his wife, Rita Wolford '69, have one child. They live in Riverdale, Ga...

Mr. and Mrs. Van C. Gholston (Carolyn King '70) now live in Dhahran, Saudi Arabia, where Van is a tax attorney with Arabian American Oil Co. ARMACO, whose home office in Houston, Tex., is the world's largest oil producing com-

Ben T. Ray has been promoted to senior systems analyst with the data processing support unit of West Point-Pepperell's Alamac Knitting Division in Lumberton, N.C. He and his wife, Peggy, live in Hope

MARRIED: Mary Louise Blalock to Farley Moody. They live in Birmingham.... Tempie Brunson to Donald Taylor Lupo. They live in Birmingham.

BORN: A son. Russell Neal, to Mr. and Mrs. Grady Zeanah (Mary Wayne Gilmore) of Foley on May 18. Mary Wayne teaches special education and her husband is vice president of the State Bank of the

A daughter, Sarah Cothran, to Mr. and Mrs. Leon Benefield of Tifton, Georgia, on October 18. She A daughter Jill Ellen, to Mr. and Mrs. Sidney Glenn Daniel, Jr., (Cecelia Landers '73) of Highland Home on March 12. Cecelia teaches home economics at Highland Home High School and Glenn teaches business education. He is a captain in the 375th Field Deport Army Reserve Unit in Montgomery....

A son, Adam O'Neal, to Mr. and Mrs. Larry Holt (Janet Craig) of Birmingham on Oct. 8. He joins sister Ashley, 2.... A son, Tyler Pierce, to Mr. and Mrs. Jack Pierce Baker (Dianne Wurm '68) of Birmingham on Oct. 11. He joins sister said," maybe an internship-type program for students. Faculty need an opportunity to go out in the business world and catch up on what's going on there. Maybe the professors could draw a management evaluation and return and teach what they learned."

Eventually, Dr. Yeager did mention funding, which he said he could use in the teaching program, and time release, which would enable the faculty to renew themselves professionally, and space and maintenance of the space now available. His greatest concern was the quality of the department's facilities, in which the air conditioning and heating system is often inoperable, and in which strips of paint and plaster hang from a leaking ceiling. As an aside, he mentions that WAPI started out in that building.

But despite his complaints, which were certainly real enough, Dr. Yeager is overwhelmingly optimistic about his department and its

"Be sure to let everyone know that the job market for our majors is excellent." he said. And Dr. Yeager has a 71-page study-Occupations and Incomes of Graduates in Agricultural Administration (B.S.), Agricultural Business and Economics (B.S.), and Agricultural Economics (M.S.), Auburn University 1936-1976to prove it.

A daughter, Caron Mylissa, to Mr. and Mrs. Gerald Wright (Loretta Roden) of Pisgah on July 4. Caron joins big sister Jeron Michelle, 11/2. Loretta teaches at Pisgah High....

A daughter, Tara Alayne, to Mr. and Mrs. James Michael Tribble (Pat Weed '69) of Birmingham on (Continued on Page 25)

'Mama Lou' Steed Dies Nov. 10

Mrs. L. C. Steed, "Mama Lou" as she was known to the men of Pi Kappa Alpha, died in Auburn on Nov. 10. Mrs. Steed was house mother at the fraternity from 1948 to 1957. She was known by men at most of the fraternities and women in many of the dorms where she filled in for other housemothers.

Many Auburn students remember her playing the piano for the boys to sing, and members of the Methodist Church remember her leading the men of her fraternity in for Sunday church no matter how late they had partied the night

Survivors include her daughter, Mrs. Frank McQueen of Auburn; two granddaughters, Mrs. Jennifer Patterson of Auburn and Mrs. Cassie Ann Stisher of Huntsville; five sisters, Mrs. Exer Tucker of Birmingham, Mrs. Jack Cahoon of Guntersville; Mrs. W. A. Young of Washington, Mrs. J.M. Thornhill of Selma, Mrs. Cecil Gordy of Montgomery, and two brothers, Sam Cox of St. Petersburg, Fla., and Ware Cox of Murfreesboro, Tenn.

Forage for Beasts & Food for People

By Pat Keller '69

For the girl who likes agriculture and who wants a choice of jobs after graduation, Agronomy and Soils might be just the right curriculum, according to Dr. L.E. Ensminger,

department head. "Up until recnetly, there were no girls in agronomy, except a foreign student or two," he reports. "In the past two or three years, though, we've had maybe three or four girls. In some companies that the government is requiring to hire girls, girls can get a better pick of jobs than men can."

All jobs in agronomy aren't just for women, however. The department has between sixty and eighty majors this year, up from six to eight majors only three or four years ago, and all expect to find jobs. "Students have probably heard that there are plenty of jobs available," Dr. Ensminger replies when asked the reason for the sudden increase in agronomy majors. "I guess a lot of graduates in certain fields can't find jobs in their specialty. We have a history graduate who works here in our department as a technician. Of course, I don't know that that's why he's here. The job market for our graduates is good though."

matter, if he has no homeplace to return to, to manage someone else's farming operation.

As for the graduates that Auburn itself hires, the department tries to recruit and retain what Dr. Ensminger calls "the good young ones." "We have a couple of vacancies now," he says. "We need a crop physiologist and we have a herbicide research position. We have a pretty good salary scale for the young ones, but have to offer a pretty big increase for somebody who's been out of school a few years... and we're not interested in getting someone who's established. We do want to keep those we hire and that we already have, so we offer a good future and show that we're trying to keep in line with other schools. If we lose a year—have a year without a raise—we'll be behind, but we try to be competitive.

Unfortunately, the one incentive that might tip the scales in favor of Auburn—paid moving

SOIL SAMPLES—Testing samples of soil reveals nutrients that Alabama farmers and gardeners need to

add to soil in order to get the best crop growth.

—Agricultural Experiment Station Photo

'The Department tries to Recruit the good young ones'

Jobs for the agronomy graduate are as varied as they are plentiful, another plus for this particular academic area. A graduate with a turf grass option may find himself developing new and better lawns for his neighbors, if he opts for research, or he may go into golf course management. If he prefers, he may teach instead. For all agronomy graduates, sales and promotion positions, especially with chemical and seed companies, abound as do Soil Conservation Services and Extension jobs. The individual who has earned a Ph.D. has a broader variety of jobs to choose from, positions such as agricultural school teaching or experiment station work. Many of those with doctorates become technical representatives for industry or scientists for the U.S.D.A. Any agronomy and soils graduate should be well equipped to return to the old home place to farm or, for that

expenses—Dr. Ensminger cannot offer the potential faculty member. "A recruit is not as apt to move now as he used to be," he explains the department head. "Just changing houses may be too expensive. Of course, if he can do it, that's all right, but not many men are willing to spend several hundred or thousand dollars to move before they get their first paycheck from their new job. Our inability to pay moving costs is definitely a factor in our getting or losing potential faculty."

potential faculty."

But not even the university's policy against paying moving costs disturbs Dr. Ensminger as much as the department's lack of maintenance money. "It takes a bunch of money to keep modern" he says. "We're pretty well equipped for labs and I guess for field operations too, but to keep up we're going to have to spend a little each year."

have to spend a little each year."
By "a little," Dr. Ensminger
means from \$50,000-\$100,000

per year, a substantial amount, but this figure actually represents a savings for the department. For example, the departmental X-ray unit, a rather small, unobtrusive-looking machine, would cost \$100,000 if bought now. But over the years the department has updated the machine, so instead of having to purchase a new X-ray, the department can spend its equipment budget elsewhere.

"We have a lot of needs," Dr. Ensminger says. "We need money to renovate our greenhouses. We renovated them about twenty years ago, but they're getting to the point that they're going to need some more. One of the biggest needs is money for more technical assistants. One senior scientist might be able to do two or three times as much research if he had help."

Benefit from Research

All of us

Money for graduate assistants, junior scientists, farm labor, equipment...money to maintain and remodel labs...money to finish all the new buildings at the new farm in Milstead...money for teaching...all of these are very real needs in the agronomy department. Yet Dr. Ensminger says that despite departmental needs, Agronomy and Soils is better off than many other departments because of the funds made available through its research operations. Through its research projects, which have increased from about 800 last year to some 1200 this year, all of us benefit, whether directly or indirectly. "Our ladino clover took at least 10 years to develop," says Dr. Ensminger. "It sold all over the country and we sold seed in Europe, too."

Clover took
10 years to
Develop

"The low-growing sericea—legumes—that is planted on interstate medians was developed here. It helps hold down maintenance since it doesn't have to be moved so often. It might help prevent wrecks, too, since it increases visibility. We have a lot of useful, important research going on here."

A list of current Agronomy and Soils projects supports Dr. Ensminger's statement. Projects range from plant breeding to evaluating the plant nutrient requirements of vegetable crops. The objectives of some projects are obvious from the project title, such as Soil Testing and Plant Analysis. Other project titles have an almost mystical air, such as the intriguing Nitrate Movement in Soil Profiles. Whatever the title, however, each research project is an attempt to fulfill an important need or to solve a modernday agricultural puzzle.

For Dr. Ensminger, the most difficult riddle of all lies outside both research and teaching—that is, how to understand the new accounting system. To the man whose chief concern is agronomy, a science that is, he

says, the basis for agriculture, the new accounting system is an anathema. "They could have changed it some and still made it workable," he says. "What I don't understand is, why is it better to project something—to say you think you'll have so many dollars in expenses—or how you're going to spend the money you hope to have, when you don't know, than to spend it as you need it. How can you ask for money for a new tractor if your old one isn't wrecked yet?"

But the gods move in mysterious ways, so Dr. Ensminger turns from the intricacies of the university's accounting system to the simplicities of providing forage for the beasts and food for the people of this inexplicably turning world.

Alumnalities

Sept. 30. She joins sister Tanya Michelle, 4. Mike is now in the management program with Roadway Express and Pat is onleave-of-absence from Eckerd Drugs where she is a pharmacist....

A daughter, Laura Anne, to Mr. and Mrs. Frank Baldwin Wingate, Jr., (Sally Weeks) of Lake Oswego, Oregon, on Sept. 30. Frank is a development engineer with Tektronix, Inc....

A daughter, Heather Lynnell, to Mr. and Mrs. Benjamin C. Wiechman of Daytona Beach, Fla., on Sept. 12. She joins sister Lori Michelle. Ben is an outside plant engineer with Southern Bell....

A daughter, Amy Marie, to Mr. and Mrs. Henry G. Baxter of Martinsville, Va., on April 12. Henry is the pharmacist-manager of Family Pharmacy in Bassett, Va....



DIFFERENCE—Added Nutrients mean added returns from crops of all kinds.

-Agricultural Experiment Station Photo

In Memoriam '10 Through '61

Cleveland, Miss., died August 21. Dr. Young received the B.S. from Auburn and the M.A. and Ph.D. from George Peabody College in Nashville, Tenn. He taught at Jacksonville Normal (now Jacksonville State) in Jacksonville, and from 1920-24 was principal of Mc-Comb (Miss.) High School. In 1925 he joined Delta State University in Cleveland, Miss., as a member of its first faculty and later retired as head of the Department of Psychology. Dr. Young was listed in Who's Who in Southern Educators and had been a member of the American Psychological Association and numerous professional societies. He is survived by his wife, Mrs. Dura Merle Upshaw Young of Cleveland, Miss.; a son, Albert Leon Young, Jr., of Senatobia, Miss.; a daughter, Majorie Young of Alexandria, La.; a brother, William Alexander Young, Jr., of Washington, D.C.; a sister, Mrs. J.M. Rowe of Miami, Fla.; and three grandchildren.

William Smith Bonner '11 of Baton Rouge, La., died June 17.

Arthur Pearsall Turner '15 of Birmingham died December 10, 1976. Along-time employee of South Central Bell, he had been retired since 1956. Survivors include his wife, Mrs. Celia M. Turner, now of Cincinnati, Ohio.

John Bannister Leek '17 died November 10 in St. Petersburg, Fla., following a lengthy illness. Survivors include a sister, Mrs. Oliver C. Maxwell of Brandon, Fla., and several nieces and nephews.

Bryan Edwards Kirven '18 of Jackson is deceased, according to information received in the Alumni

Dr. Robert O'Neal Suddath '19 of Tampa, Fla., is deceased, according to information received in the Alumni Office.

Robert Little Irwin '19, a retired government lawyer and hearing examiner, died October 22 at the Jenkins Nursing Home in Baltimore, Md., after a long illness. He had retired from the Interstate Commerce Commission (ICC) in 1968. After serving in World War I, he earned a degree from Columbus University, (now part of Catholic University in Washington, D.C.) international law. Mr. Irwin joined the ICC as an engineering aide and in the 1930's became one of the early hearing examiners in the Federal Communications Commission. He helped write some of the first orders and regulations of the FCC. In 1940 he left government service to work with the law firm of Dow, Lohnes. and Albertson, working on the licensing of radio and television stations around the country. He rejoined the federal government in 1960 as a hearing examiner for the Subversive Activities Control Board and then returned to the ICC. A member

mitted to practice before the Supreme Court. He belonged to the Radio and Television Attorneys Association and the Sergeant Jaspar American Legion Post. He is survived by his wife, Gertrude Collier Irwin of Westhaven, Md.; two sons, W. Burke Irwin of Westhaven, Md., and Dr. Robert Collier Irwin of Catonsville, Md.; a brother, Arthur Irwin of Montgomery; four sisters, Mary Inez Tingles, May Irwin Smith, Bertha Anderson, and Catherine Bledsoe, all of Montgomery; and four grandchildren.

Thomas Wilkes (Wick) Coleman '22 of Sun City Center, Fla., died October 2. Formerly of Anniston, he retired to Sun City Center in 1965. Survivors include his wife, Mrs. T. Wilkes Coleman of Sun City

Harvey Arnold Edge '22 of Alexandria, Va., died March 15. He is survived by his wife, Mrs. Virginia R. Edge of Alexandria, Va.

Walter C. Middleton '23 of Cape Coral, Fla., died March 31 of lung cancer. Survivors include his wife.

Mary Woolley '24 of Montevallo died March 9 in a Birmingham nursing home. Miss Woolley taught chemistry for many years at Murphy High School in Mobile until she retired because of poor health. Many of her pupils say that her instruction was as good or better than that they received in freshman chemistry in college and that she was a superior teacher who knew

Turner Clay Longshore '26 of Birmingham died October 21. Survivors include his wife.

Leverett M. Moore '26 of Columbus, Ohio, died in October. Survivors include his wife, Mrs. Margaret R. Moore of Columbus.

Mary S. Shook '27 of Ellisville, Miss., died in October, 1975. She had been head of the Department of Home Economics at Jones County Jr. College in Ellisville until her retirement. After retirement, she became owner-operator of Rose Terrace Garden (florist and nursery) in Ellisville. She especially enjoyed rose and orchid growing and flower Survivors include two daughters, Louise and Elizabeth Shook of Ellisville.

Frank Woodruff White '29 of Atlanta died November 9. Surviving are his wife; his son and daughterin-law, Mr. and Mrs. William T. White of Atlanta; a sister, Mrs. Frank Betts of Tampa; and three grandchildren, Ann White, David White, and Hugh White.

Elizabeth Shepard Woodruff '29 of Naples, Fla., died August 4.

She is survived by her husband, E. Demopolis and Gail Roberts Pellet Wallace Woodruff '32 of Naples; a daughter, Mrs. Elizabeth Woodruff Jones '57 of Huntsville; two sons, Edward W. Woodruff, Jr., of Tallahassee, Fla., and Richard L. Woodruff of Naples; and a sister, Grace Shepard Prince '33 of Naples.

Leonard C. Yancy '29 of Hope Hull died October 4 at his home after a briefillness. Survivors include his wife, Mrs. Mary Sellers Yancy of Hope Hull; a daughter, Mary Yancy Moss of Anchorage, Alaska; a sister, Mrs. Donald Young of Jacksonville, Fla.; a brother, Charles T. Yancy of Prattville; two grandchildren, and one nephew.

Sallye Walker Hamilton '30 of Dillon, S.C., died April 2.

Neil Dean Nolen'31 of Newnan, Ga., died February 26, 1977. Survivors include his wife.

Karl Page Conradi '32 of Thomasville, Ga., died October 2. Survivors include his wife.

Kotz Alan (Pat) Patterson, Jr., '33 of La Grange, Ga., died of a heart attack on August 10. He was employed with the Lehigh Portland Cement Company for 33 years. After his retirement seven years ago he went to work for the Macon Pre-Stressed Concrete Co. He was a World War II veteran of the Navy Seabees. Survivors include his wife, Mrs. Sadie N. Patterson; a daughter, Mrs. Jane Tonn '58 of Jacksonville, Fla.; two sons, Thomas B. Patterson '62 of Jackson, Miss., and Kotz A. Patterson, III, of Henderson, Tenn.; two brothers, Gayle G. Patterson of Florence and Andrew N. Patterson of Inman, S.C.; and six grandchildren.

V. Scott Ballard '34 of Birmingham died March 2. Survivors include his wife, Audrey Ballard; a daughter, Bonnie Henson; and a son, Robert S. Ballard '63.

Leighton Curtis Hester '34 of Cherokee died October 12. He was retired executive officer of the Alabama Soil Conservation Service. Surviving are his wife, Mrs. Mary Ann Hester; two sons, Curtis Hester, Jr., of Savannah, Tenn., and Jerry Hester '63 of Florence; a daughter, Mrs. Sylvia Alexander of Tuscumbia; three stepdaughters, Mrs. Myra Ann Willingham of Birmingham, Mrs. Carole Phillips of Huntsville, Mrs. Gail Guido of New York, N.Y.; three sisters, Mrs. Edith Tate, Mrs. Ruth Malone, and Mrs. Elsie Johnson, all of Cherokee; eight grandchildren and seven nieces and nephews. stepgrandchildren.

Sept. 6, 1976, after a brief illness. At clude his wife. the time of her death, she was the retired proncipal of the Iola Roberts School of Pell City. Survivors in-

'59 of Greenville, S.C.

William Wallace Nelson '35 of Talladega died November 7. He was past president of the Lions Club and Chamber of Commerce, treasurer of the Mental Health Association, and a retired Army colonel. He was district superintendent of the Alabama Power Company. Survivors include his wife, Mrs. Emily R. Nelson of Talladega; two sons, William W. Nelson, Jr., of Talladega, and Frank G. Nelson of Birmingham; a daughter, Mrs. Emily B. Nelson of Talladega; two sisters, Mrs. Catherine Jones and Mrs. Emily Peabody, both of Montgomery; and one brother, William B. Nelson of Vicksburg, Miss.

Charles Marshall Reeves, Jr., '35 of Charlotte, N.C., died August 2 of a heart attack. He was president and owner of Reeves Sheet Metal Works in Charlotte. Survivors include his wife, Alice R. Reeves of Charlotte, and a son, Randall Marshall Reeves.

Florence Bradley Haynes '37 of Athens, Ga., died Oct. 28, of cancer. She is survived by her husband, Pat M. Haynes.

Robert Freeman Lanier '37 of West Point, Ga., died Sept. 10. Survivors include his wife.

Leland Isaac Perry '37 died in 1965, according to information received in the Alumni Office.

John Wise McClendon '38 of La Fayette died October 5 of a heart attack in La Grange, Ga. From 1935-41, he worked as an assistant soil research chemist at Auburn and completed post graduate work in agriculture. In 1941, he began work as assistant superintendent at Auburn's Black Belt Experiment Station at Marion Junction, then was called to active duty in the military. During the war he served three years in the U.S. Field Artillery and one year in the European theatre. Following the war, he was assistant of the Piedmont Substation at Camp Hill. In 1947 he became a merchant in LaFayette. He had been a member of the LaFayette Rotary Club, the Cattlemen's Association, and the American Legion. Survivors include his wife, Lodie Mae Underwood McClendon of LaFayette; a daughter, Annette Waites '62 and a grandaughter, DeAnne Waites, of La Fayette; his father, Clarence Edwin McClendon of Ridge Grove; four sisters, Mrs. Mary Evelyn James of Waycross, Ga., Mrs. Nell Phillips of Lanett, Mrs. Miriam Pruet '71 of Decatur, Mrs. Betty Fuller of Opelika; and a number of

Wilkins Eugene Tanner '38 of Iola Roberts '34 of Pell City died Marion died Oct. 6. Survivors in-

clude Charles W. Roberts '55 of Edward Roy Taylor '39 of Fair-

a retired chemist for Marshall Laboratories, a division of DuPont Corp. He was a member of ATO fraternity and St. John's Episcopal Church, and a past president of the South Fulton Kiwanis Club. Survivors include a daughter, Mrs. Anne Anderson of Cottonwood; two sons, John Hayden Taylor of Rhode Island and Douglas Taylor of Fairburn; a sister, Mrs. Carlton O. Parker of Atlanta; a brother, Edmund Taylor '41 of Atlanta; and three grandchildren.

Lawrence Finlayson Aycock '40 of Vestavia died April 6. From 1941-45, he was in the Navy. He worked for U.S. Steel from 1945 until his death, when he was manager of audit of the Southern area. Mr. Aycock was president of the Institute of Internal Auditors and Kiwanis Club and was commander of American Legion Post 137. Survivors include his wife, Mrs. Bette Hays Aycock of Birmingham; a son, Lawrence Aycock, Jr., and a daughter, Ann Aycock.

Danie B. Simms'40 of Riverview is deceased, according to information received in the Alumni Office.

* * *

William C. Stewart '40 of Ashland died March 3. Survivors include his wife, Edith Stewart.

Wallace Tilson Vernon '40 of Montgomery died November 6 after an extended illness. Survivors include his wife, Lessye M. Vernon '34 of Montgomery; a daughter, Mrs. Charles A. Jones, III, of Opelika; a sister, Cordella Vernon Scott of Alex City; two brothers, John Thomas Vernon of Alex City, and Joseph G. Vernon of Weirton, W. Va.

Carolyn Morgan Wallace '40 of Albany, Ga., died Oct. 10. For many years she was associated with Sancken Associates, Inc., in Albany. She was secretary of the Albany Board of Realtors, a member of the Pilot Club, and a charter member of the Albany Symphony Guild. Survivors include her mother, Mrs. Thomas Morgan of Birmingham, four sisters, Mrs. James. S. Coleman and Mrs. John W. Webb of Montgomery, Mrs. George Shumaker of Panama City, Fla., and Mrs. Allan Haskell of Birmingham; two brothers, Thomas W. Morgan, Jr., of Crescent City, Fla., and Robert B. Morgan of Birmingham.

L. B. (Buck) Freeland, Jr., '41 of Mobile died July 26. President and co-owner of Climatic Engineers, Inc., and a professional engineer, he had the honor of being placed in the book A Legend of the Most Pominent Men of the United States of America from 1969 through 1976. In World War II he served as a captain and personal pilot to Gen. George S. Patton. He was past president of the Mobile Area Chamber of Commerce. Survivors include his wife, Judith R. Freeland of Mobile; a son, Robert Charles Freeland '69 of Columbus,

(Continued on Page 27)

In Memoriam '10 Through '61

Ga.; a daughter, Phyllis Sharpe of Mobile; a stepdaughter, Suzanne Humble Lee of Memphis, Tenn.; two grandchildren; nieces, nephews, and other relatives.

Warren Wallace Wise '41 of Bonifay, Fla., died September 10 in an automobile accident. While at Auburn, he was active in Alpha Gamma Rho, A Club, Agriculture Club, and played football for three years. He served five years in WWII in Combat Engineers and was discharged as a captain. He was employed by Crawford & Co. for twenty years, and at the time of his death was employed by the Farmer's Home Administration in Bonifay. Survivors include his wife, Martha Johns Wise of Plains, Ga.; a daughter, Linda McNabb of Coral Gables, Fla.; and three brothers, Saxon L., Charles, and Earl Wise; and one sister, Mary W. Vinson.

Myrtie Elizabeth Drinkard Sanders '42 of Paint Rock is deceased. Survivors include her husband, William R. Sanders '45, now of Temple, Ga.

Alfred Russell Carlton '43 of Huntsville died November 6. Before his retirement, he served 36 years with the Soil Conservation Service. He was a member of the First Baptist Church in Huntsville, a World War II veteran, and a past member of the Rotary Club. Survivors include his wife, Elizabeth Pritchett Carlton of Huntsville; three sons, Russell R., William C., and Robert D. Carlton.

Sue Harper Savage '43 of Silverhill died August 18, 1976, according to information received in the Alumni Office.

Edward Hamilton Buckner '46 of Montgomery died October 30. Survivors include his wife, Mrs. Edward H. Buckner of Montgomery; a son, Rhett Buckner of Birmingham; a sister, Mrs. Catherine Peacock of Shirley Basin, Wyoming; three brothers, James Buckner of Riverside, Frank Buckner of Blakely, Ga., and Marion Buckner of Poulbso, Wash.

Annie Ruth (Ann) Hughen Claughton '46 of Nashville died October 30 in a Vanderbilt Hospital after a long illness. Nashville's first and only licensed woman river boat operator, she owned and operated two excursion boats, the Belle Carol and the Captain Ann, with her husband, Hugh D. Claughton, Sr., '46 DVM. In 1972 she became the first woman in Nashville, and one of the few in the nation, to be licensed by the U.S. Coast Guard as a river boat operator. She attended Huntingdon College in Montgomery, received a B.S. from Auburn in 1946, and later received a master of religious education from Emory University in Atlanta. She taught in the public schools of Alabama and Florida. Mrs. Claughton was a charter member of the auxiliary to the Davidson County Academy of Veterinary Medicine, and has been a recipient, with her husband, of

that group's Outstanding Service Award. She was a member and served as president of the auxiliary to the Tennessee Veterinary Medical Association and served on several committees of the auxiliary to the American Veterinary Medical Association. She was also a member of Historic Nashville, the Inter-Council of Nashville Museums, the Nashville Association of Tour Operators, and Belle Meade United Methodist Church. In addition to her husband, survivors include a daughter, Carol Claughton; two sons, Hugh Claughton, Jr., and Jonathan Claughton, all of Nashville; and her parents, Rev. and Mrs. George Oliver Hughen of Prattville.

Hughes Randolph Darden '48 of Birmingham died August 21, according to information received in the Alumni Office.

Peter Hanlon Miller '47 of Charlotte, N.C., died October 5. He was a sales engineer for Combustion Engineering Company. Survivors include three sons, Michael H. Miller, Alan Miller, and Stuart Miller, all of Charlotte; one daughter, Mrs. Lee M. Redmond of Charlotte; his mother, Mrs. Loretta Hanlon Miller of Birmingham; a brother, Edward Miller of Waukegan, Ill.; and a sister, Mrs. Jane Powell of Birmingham.

Ralph Thomas Jackson '49 of Hudson, Iowa, died August 30 enroute to Tokyo, Japan, following a brief illness. The executive vicepresident of the American Soybean Association, he had recently been appointed Far East director of the Association. A member of the Sigma Pi fraternity, he also attended and played football at Jacksonville State University before coming to Auburn. He was a member of the Elks Lodge, very active in the Boy Scouts of America, and a leader in the church and community affairs. He was a World War II veteran. Survivors include his wife, Mrs. Ann Jackson of Hudson, Iowa; four sons, Tom Jackson, Keith Jackson, and Don Jackson, all of the University of Arizona in Tucson, and Greg Jackson of Hudson, Iowa; his mother, Mrs. Lillie Jackson of Lineville; two sisters, Mrs. Rebecca J. McGaughy of Montevallo and Mrs. Etna J. Rhodes of Trussville; two brothers, David Jackson of Pell City and James O. Jackson of Billings, Montana; and a number of nieces and nephews.

Olin Kelly Duren '51 of Huntsville died November 7 at Huntsville Hospital. He was an engineer with the National Aeronautics and Space Administration. Survivors include his wife, Mrs. Gene Duren of Huntsville; a daughter, Kelly Elizabeth Duren; his mother, Mrs. J.D. Duren, Sr., of Birmingham; and a brother, J.D. Duren of Birmingham.

Helen Kasprzycki Abbott '52 of West Palm Beach, Fla., died July 24 of cancer. She taught and served as a guidance coordinator in Chicago, Ill., Dayton, Ohio, Jacksonville, Fla., Key West, Fla., West Palm Beach, Fla., and in the American Overseas Schools. She received many awards and citations for her unselfish dedication to her work. She was a member of Phi Kappa Delta International. Survivors include her husband, Cdr. T. H. Abbott '53 of West Palm Beach; two sons, Thomas H. Abbott, Jr., and Mikel Abbott; a daughter, Marsha Abbott; and numerous relatives and friends.

Alonza Johnson Davis '52 of Huntsville died November 6 at a local hospital. Survivors include his wife, Mrs. Marilyn Johnson Davis; a daughter, Suzanne Davis; a son, Benjamin Davis, all of Huntsville; a sister, Mrs. Janet Dowling of Panama City, Fla.; and a half sister, Mrs. Evelyn Mizill of Montgomery.

Eunice Norton Lingo '52 of Montgomery died June 3. Survivors include a daughter.

Dan Cole Mitchell '54 of Cullman died August 25. An active member of civic groups, he was also chairman of the Cullman County Republican Executive Committee. He was owner of Mitchell Motors Ford Co. in Cullman. Survivors include two sons, Dan Cole Mitchell, II, and Homer Wesley Mitchell; three daughters, Mrs. Diane Richard, Claire Mitchell, and Mrs. Janease Hamilton; and a sister, Mrs. Tom Hagan, all of Cullman.

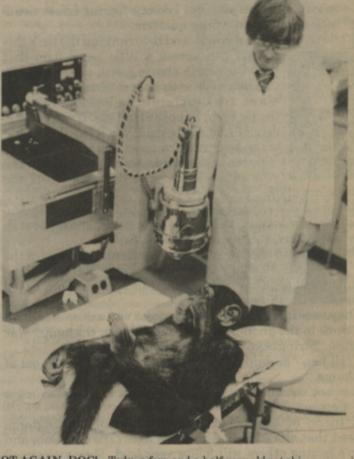
Wallace N. Scarbrough '55 of Dothan died October 9 of an apparent heart attack. For several years he was a retail pharmacist at Scarbrough Drug Co. in Dothan, then was a pharmacist at Southeast Alabama Medical Center in Dothan until he retired because of ill health. Survivors include his wife, Mrs. Charlie Hudson Scarbrough '54, and two daughters, Cindy and Susan Scarbrough, all of Dothan.

John Handley Green '56 of Woodland is deceased, according to information received at the Alumni Office. Survivors include his wife, Mrs. Alma Clegg Green '56 of Woodland.

Louis Eugene Wood '56 of Pomona, Calif., died June 14. Survivors include his wife, Alice Joyce Wood of Pomona; a son, Michael Eugene Wood; and a daughter, Vicki Joyce Wood.

Charles Wyatt Byrd '57 of Huntsville died October 16. Survivors include his wife, Margaret Ward Byrd '56; a son, Charles Bradley Byrd; and two daughters, Alison Byrd and Wendy Byrd, all of Huntsville.

Leonard Yancey (Yank) Dean, IV, '58 of Eufaula died of a heart attack October 8, while jogging near his home. He was president of Techsonic Industries of Eufaula. He came to Techsonic, then Allied



NOT AGAIN, DOC!—Tody, a four-and-a-half-year-old pet chimpanzee, is getting ready for a brain scan, to be performed by Dr. William Brawner, radiologist in the School of Veterinary Medicine. The procedure, common with humans, is now being used with animals and could result in additional applications in human medicine.

—AU Photo

Sports, in 1970 from Texas Instruments in Dallas, Tex. Under his leadership the company's yearly sales grew from \$30,000 in 1970 to in excess of \$5,000,000 in sales in 1976. He created the Humminbird Depth Finder, recognized as the number one depth finder in the fresh water fishing industry. Mr. Dean was selfsupporting as a crop duster from the age of 14 and lived an active life despite two open heart operations. He introduced hang gliding to Eufaula, once dropping 4,000 feet from a balloon at the Lake Eufaula Fall Festival. He was an avid motorcycle rider and raced motorcycles cross country. He enjoyed scuba diving and jogged from two to four miles every day. He was a member of the Eufaula Chamber of Commerce, the Rotary Club, the Quarterback Club,

and the Commercial Club. He was well known in Eufaula for his humanistic approach to management, which included bonuses for suggestions, orientation training, incentive programs for safety and health, employment for handicapped, and promotion through the ability to produce, rather than through seniority, so that all employees had an equal opportunity to advance. Survivors include his wife, Jeanette R. Dean '73; two daughters, Mary and Leslie Dean; a son, L. Y. Dean, V, all of Eufaula; his father, L.Y. Dean, III, of Eufaula; two brothers, Milton Dean of Panama City, Fla., and Schaeffer Dean of Dallas, Texas; and a sister, Mrs. Helen Downing of Savannah, Ga.

Mrs. E.H. Hargis Dies Jan. 2

Mrs. Estes H. Hargis of Birmingham died on January 2. Though not an alumna of Auburn, Mrs. Hargis had close ties here as the wife of the late Dr. Estes H. Hargis '17 and shared with him a strong interest in the affairs of his alma mater. Two bequests by Dr. Hargis in the 1960's established the pattern for the program of endowed salary supplements enabling Auburn to recruit and retain outstanding teachers and scholars on the faculty.

The Hargis Professorships, all in the Department of English, were the forerunners of the Alumni Professorships and a number of other supplemented chairs now totaling 27 throughout the uni-

A special bequest was made last year by Mrs. Hargis toward renovating the old Music Building in Samford Park, henceforth to be known as Hargis Hall. Jimmy Ray Pruitt '59 of Fort Walton Beach, Fla., died September 4 after a brief illness. He was an electronics engineer and chief civilian technical advisor to the Director of Intelligence for the Armament Development and Test Center at Eglin Air Force Base, Fla. He was very active in the Okaloosa County Auburn Club. Survivors include his wife, Edith M. Pruitt, and a son, Jimmy Pruitt, both of Fort Walton Beach.

Katherine Mickle '60 of Roanoke died March 13. Survivors include a sister, Emma Mickle of Roanoke.

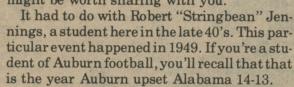
J. Lionel Lackey '61 of Sylacauga died May, 1975, according to information received in the Alumni Office. Survivors include his wife, Betty Lackey of Sylacauga.

Spring Cleaning

I don't know about you, but I do my "spring house cleaning" between fall and winter quarters.

While re-filing the drawers and re-arranging the junk this

time, I ran across a little news item that might be worth sharing with you.



Upset is the word. Alabama had won the year before 55-0 in the first renewal of the

series since 1907.

Auburn's unexpected great victory in '49 so excited Jennings that he wanted to let the whole world know about it, most especially, the royalty in Great Britain.

Jennings and a group of Auburn students gathered at the ole Bankhead Hotel in Birmingham and placed a long-distance call to Buckingham Palace in London. They asked to speak with Princess Margaret.

They were informed that the Princess was asleep and could not come to the phone, but that did not deter the happy War Eagles. "Stringbean" asked to leave a message.

"Tell her," he said, "that Auburn just beat the hell out of Alabama."

It is not known whether or not Princess Margaret ever got the message.

A friend of Jennings, Bob Humphrey of Birmingham, passed that story along some time ago. (Thanks, Bob, and here's hoping others will follow your lead. They make good reading and good remembering.)

Not all such stories, however, have to be remembered.

Some are still taking place.

The kind of dedication that promoted Jennings to call Buckingham Palace is not dead. It's still here, alive and well.

Consider the case of an Auburn band member, a freshman, who shall remain nameless for fear of getting kicked out of the band.

This particular freshman got caught up in the Auburn Spirit the week of the Georgia Tech game. He spent Monday and Tuesday nights helping his fraternity pledge brothers build and guard the traditional "Wreck Tech Parade" float.

Then came Wednesday, day of the parade, and it was just too much to ask this freshman to leave "his" float.

Without any fraternity pressure whatsoever and stone cold sober, the pledge decided he would stay. He'd rather carry the float in the parade than march with the band.

But, he needed an excuse not to march.

Not for long.

He got a football mouth piece, placed it securely in his mouth, went to another pledge and said, "Ayaah, Yeeah."

Translated, that means, "Hit me." Hit me right here, in the mouth.

"You're sure about this?," the second pledge asked.

"Hit me so I won't have to march, the first pledge said. "If I can't blow my horn, I can't march. Hit me. Hit me hard."

He got it. Pow! Right in the kisser. "Hit me again."

Again, pow, right in the kisser.

Several blows later, the band member steadied himself, removed the bloody mouthpiece, and smiled.

His upper lip was gashed and bleeding, but, he wouldn't have to march. He spent the next two hours carrying his float and yelling, fat lip and all, "War Eagle."

Never has a float been carried with more pride and never has "War Eagle" been yelled with more gusto.

And speaking of War Eagle, no Auburn man or women should miss Lewis Grizzard's line in the Atlanta Constitution just before New Year's.

Crizzard, a sports columnist, was listing some of the things he was grateful for, things he was happy to see, do and hear again after a short, but all too long, stay in Chicago.

He's been back in Atlanta about a year and one of the things Lewis listed was, "Hearing again that inevitable distant cry from the far reaches of a stadium, "Warrrrrrr Eaaaaaagle!"

Lewis—He's a good-un. Maybe the best around today. He's a Georgia alum, but he's a good-un just the same. Read him whenever you can.

Until next month

AUBURN ALUMNALITIES—Continued

Adaughter Leigh Ann, to Mr. and Mrs. William T. Carter of Montevallo on May 12. She joins sister Denise, 3½. William is transportation supervisor for the Shelby County Board of Education....

Twin sons, William Arthur and Matthew Weldon, to Mr. and Mrs. David Righard Conway, Jr., (Elizabeth Weldon '66) of LaFayette on Sept. 18. Will and Matt join their big brothers Rick and Nick, 6....

A son, Timothy Mitchell, to Mr. and Mrs. Stephen Maxwell Classen (Linda Mitchell) on Oct. 18. He joins sister Leila Erin, 4. Steve is working as an industrial engineer at Huyck Felt in Aliceville....

A son, John Dawson, to Mr. and Mrs. Dawson Wayne Perdue of Prattville on Sept. 21. Wayne is a staff attorney with the Montgomery Legal Services....

A son, Dan Kelly, to Mr. and Mr. Dan Lomax (Molly Duncan) of Waynesboro, Miss., on Oct. 20. He joins sister Molly, 1½. Both parents are pharmacists and own their own drugstore.

A daughter, Leigh Ann, to Mr. and Mrs. Waylon Spurgeon (Gail Bailey) of Elkmont on Sept. 21. She joins big sister Dana, 3. Waylon has been promoted to manufacturing superintendent for Chrysler Corp. of Huntsville Electronics Division. He is responsible for all manufacturing activities conducted on Plant 1....

Ason, Hugh White, IV, to Mr. and Mrs. Hugh W. Underwood of Tuscaloosa. Hugh is self-employed as an attorney and operates a real estate investment and construction firm.

1971

Dr. John C. Hurd is assistant professor in the Biology Department at La Grange (Ga.) College. His wife, Margaret O'Gwynn '70, teaches five-year-old kindergarten at the Methodist Day School in La Grange. They have a daughter, Jennifer Rebecca, 4. Margaret is president of the Faculty Wives at La Grange College, and in his spare time John is putting the finishing touches on the new home he built this past year....

Jesse O. Waddell received a degree in civil engineering from Auburn in August and is now working with W.A. White & Associates in Florence. He and his wife, Rosalind, have a son Matthew Shawn, 3....

Lt. John H. Collins, Jr., is now at sea with the USS Flying Fish.... Dr. Wister Cook is with the English Department at Georgia Tech, following a summer in Europe.... Robert L. Moates, Jr., has been transferred to TVA's Watts Bar Steam Plant at Englewood, Tenn., where he is mechanical maintenance supervisor. He and his wife, Kathy, have a daughter, Robin, 3....

Gerald W. Boddie is now assistant superintendent of finishing with WestPoint-Pepperell's Lanett (Ala.) Bleachery and Dye Works. He and his wife, Susan, have two children: Geron Wade, 6, and Damon Heath, 3....

Beverly Beaird Williamson and her husband, Charlie, have built a new home in Montgomery. Beverly teaches science at Capitol Heights Jr. High, and her husband coaches at Jeff Davis High....

Jean Bidez Powers was recently promoted to industrial relations representative at the Chicago North Division of the Commonwealth Edison Co. She has also been named "Outstanding Regional Director" of the Northeast Region of the Illinois

Junior Chamber of Commerce. The Chicago Jaycees recognize women as full and equal members of their organization.

David James Gurley received the Master of Arts in Secondary Education from the University of North Alabama in August. He teaches and coaches basketball and baseball at A.P. Brewer High School in Morgan County. He lives in Decatur....

Charles F. Stephenson is in computer sales with the Olivetti Corp. in Huntsville. His wife, Candy Jones '74, is a child welfare social worker for the Department of Pensions and Security. They live in Decatur with their daughter, Brooke Maclay. 2.

On Sept. 5, Lt. Sidney W. Hare made his 100th carrier landing, which was also his 30th night carrier landing. More recently while aboard the USS Forrestal during refresher training in preparation for deployment to the Mediterranean, Lt. Hare logged his 2000th hour of flying time. He began flying at Auburn where he received his private license before entering the Navy. Sid and his wife, Susan Hodges '72, live in Jacksonville, Fla., where Susan teaches sixth grade math and seventh and eighth grade French...

David Neale King is working on a master's in library science at the University of Illinois.... Woodrow Williams, research electronics engineer with the Army Missile Command in Huntsville, is one of five members of the Instrument Society of America (ISA) to be honored with the Distinguished Society Service Award. Mr. Williams has been active with the ISA section since 1967 and has been president, vice-president, and secretary. He has been active with Isascope, the section's monthly newsletter, and is presently executive editor, technical editor, and circulation manager and has been active with ISA on the local, district, and national level.

Martha Johnson is treasurer of the Montgomery Chapter of the American Institute of Banking for the coming year. She is with Southern Bank in Montgomery.... Roger Nolan Jones is now a second officer with Delta Airlines, assigned to the Boston pilot base....

Marvin J. Allen has been promoted to superintendent of weaving and slashing at the Fairfax (Ala.) Manufacturing Mill of WestPoint-Pepperell. He and his wife, Peggy Ann, have two daughters, Amy LeAnne, 3, and Stephanie, 1.

Terrill Arnold Nell is an assistant professor of ornamental horticulture at the University of Florida. His wife, Cathy Mc-Connell, is a health planner in Gainesville.

MARRIED: Patricia Moore to Bennett Wesley Adams, Jr., on April 16. They live in Knoxville, Tenn., where he is in graduate school at the University of Tennessee....

Brenda Trehern to Steve Reynolds on April 16 in Santa Ana, Calif. They live in Tustin, Calif., where Brenda works with Athletes in Action and her husband is with the YMCA in Montebello....

Janet R. Parrish to Stephen D. Embry on Nov. 19. They live in Decatur, Ga., where Janet is a customer service representative for Union Carbide and her husband is an electronics engineer for Electromagnetic Sciences....

Susan Robertson to Alvin Crowden on July 9. They live in Decatur where Susan teaches sixth

grade at Brookhaven Middle School.... Kathryne Jennings '79 to Cecil L. Jernigan, Jr., on Oct. 9. They live in Gainesville, Fla.

BORN: A daughter, Kristi Leah, to Mr. and Mrs. Don Killingsworth (Carol Campbell) of Pensacola Beach, Fla., on Oct. 21.... A son, Jacob Paul to Mr. and Mrs. Paul Billingsley (Diane Johnson) of Canutillo, Texas, on July 24, 1976. He joins sister Mary, 3....

A daughter, Lauren Elizabeth, to Mr. and Mrs. Larry E. Spears of Elmore on March 28. Larry is director of the Kilby Correctional Facility for the Alabama Board of Corrections....

A daughter, Laura Barron, to Mr. and Mrs. David F. Pifer of Auburn on Sept. 23. She joins Beth, 2½. David is with the contracts and grants accounting division of the Auburn University Business Office....

A daughter Katherine Leigh (Kate), to Mr. and Mrs. Edgar F. Geghers, III, (Holly Higgins) of Hazel Crest, Ill. on Aug. 6. Ed is a systems analyst with Standard Oil in Chicago....

A daughter, Anna Talbot, to Mr. and Mrs. Robert Tillman (Pam Collins) of Montgomery on July 4. Robert is with the Department of Court Management....

A daughter, Julie Reese, to Capt. and Mrs. Joseph Decker, II, (Betty Reese) Plattsburgh AFB, N.Y., on July 26 in Montgomery where Joe was attending Squadron Officers School at Maxwell.

1972

J. Barry Brooks is personnel, safety, and training director for West-Point-Pepperell's Carter Mill at Huguley. He has been with WP-P since 1971. He and his wife, Patricia, have a son, James Patrick, 2.... J. Daniel Hale has been promoted to plant accountant for the Cabin Crafts/Georgian Distribution Center and the Pepperell Distribution Center of West-Point-Pepperell in Dalton, Ga. He and his wife, Pacita, live in Dalton....

William N. Confer is participating in a psychology internship at the University of Kentucky Medical Center in Lexington, Ky... Amy Phillips Jones is director of the women's program at the Aerobics Activity Center in North Dallas, Tex. She is an associate director of the program, founded by Dr. Kenneth H. Cooper....

Marsha Koppersmith Lushington and her family have recently moved to a country home near Tallassee. Her husband, Rusty, and she have two sons, Ben, 41/2, and Danny, 3. Rusty is office manager and accountant for Hodges Stockyards in Montgomery and Marsha is supervisor of special chemistry at the lab of the Baptist Medical Center in Montgomery. Marsha writes: "We really are enjoying being out in the country—but we've got a lot to learn about it. I guess I'm on my way to being a country girl because I learned the first week that chickens like Purina cat chow as much as kittens do! Guess I should've taken Chickens 101 instead of that psychology elec-

Phil Evers now runs the Dadeville branch of Home Federal Savings and Loan.... Carra Hewitt Boutwell is teaching art at Upper Heyford American High School in England. She is living in Litter Tew, Oxfordshire, England, while her husband, Paul, is on an Air Force tour of duty....

Capt. Thomas A. Imler has

AUBURN ALUMNALITIES—Continued

received the Meritorious Service Medal for outstanding duty performance while assigned to the 90th Strategic Missile Wing at Francis E. Warren AFB, Wyo. He is now a space test program flight test manager with the Air Force Systems Command at Los Angeles Air Force Station, Calif. Capt. Imler holds an M.B.A. from the University of Wyoming...

James J. (Jack) Smith received a master's in environmental engineering from West Virginia University in August and then returned to Montgomery to continue working with the Alabama Air Pollution Control Commission....

Andrew D. Veren is now a doctoral student in industrial engineering at Auburn after completing four years of active duty with the Air Force.... Phyllis D. Day is an accounting officer with Southern Bancorporation of Alabama in Birmingham....

Thomas R. Baker is a sales representative covering the state of Florida for Linde Welding and Distributor Products Division of Union Carbide Corp. His wife, Pamela Rogers '75, is a special education teacher at Walker Jr. High in Orlando. They live in Fern Park, Fla..

William L. Lett, III, has joined

Faces in the News





Jones Mills John Ben Jones, Jr., '47 of Anderson, S.C., is the new general manager of knitting yarn production for WestPoint-Pepperell's Alamac Knitting Division. He will contine to be responsible for the Wellington Mill in Anderson and will have additional responsibilities for overall management of other yarn production of Alamac within the company. Mr. Jones and his wife, Betty Brown '49, have four children: John Ben, III, of West Point, Ga.; Mrs. Glen Daly of Ander-

son, S.C., and Nancy Nolen and

David who live with their parents. Jean Crawford Mills '47 has been named one of the "Ten Outstanding Persons of the Year" in New Orelans by the Institute for Human Understanding. A longtime activist in New Orleans civic and cultural life, Mrs. Mills is a trustee of the New Orleans Philharmonic Symphony, vice chairman of the New Orleans Summer Pops, the March of Dimes, and the Music and Drama Foundation. She is an executive committee member of Overture to the Cultural Season, which she helped found in 1968, and of the vomen's Committee of the New Orleans Symphony. She has directed activities for numerous groups including Repertory Theatre, Cultural Attractions Fund, Methodist Hospital Auxiliary, Goodwill Industries, and St. Michaels's Special School. She was chosen a Beautiful Activist in 1975, a Best Dressed Woman of 1970 (Hall of Fame in 1977). Mrs. Mills and her husband, James W. Mills, Jr., '47, met while they were in school at Auburn and their three children-James, III, Richard Alan, and Laura Lynn—all attended Auburn.

the Auburn staff as a management specialist with Auburn Technical Assistance Center. He and his wife, Violet, have two children, Beth, 11, and William, 6 James H. (Jimmy) Tucker has been awarded a Graduate Fellowship Award from Rotary International for the 1978-79 year. He plans to study International Law and Economics at the University of Liverpool. He is currently a law clerk for Judge Leonard Moore of the U.S. Court of Appeals in New York after receiving a law degree from Harvard in June. At Harvard, he was managing editor of the Harvard International Law Journal and served on the student advisory committee of the John F. Kennedy Institute of Politics...

Sandra Clark is with the audiology section of the Speech Communications Department at Auburn Cathy Hightower Farkas and daughter Christina, 2, have moved back to Montgomery.... Youssef L. Mansour is chief executive with the Loutfy Mansour Trading Co. in Alexandria, Egypt...

Capt. Manuel V. Key is a B-52 Stratofortress radar navigator at Ellsworth AFB, S.D.... Michael A. Monroe is the veterans' coordinator-counselor at Dalton (Ga.) Jr. College. He will complete requirements for a master's in counselor education from Auburn in

Kenneth E. McLean, marketing-promotion director of Macon Mall in Macon, Ga., has qualified as an Accredited Shopping Center Promotion Director. He works with Colonial Properties with overall responsibility for management and promotion activities at the regional mall in Macon....

Jon F. (Fred) Stansell is a facilities engineer with Cryovac Division of W.R. Grace & Co. in Duncan, S.C. His wife, Linda Harris 75, teaches at Wren High in Williamston, S.C. and is in graduate school at Clemson.

MARRIED: Linda Simpson to Perry W. Bryant on Nov. 10. They live in Anniston. Perry works for the Talladega County Health Department and Linda teaches seventh grade at Oxford Middle School Susan D. Murrans to Sam Duke. They live in Athens, Ga....

Frances A. Jordan to Jack Allen. They live in Hoover.... Laura A. Sims to John W. Harris on Sept. 3. They live in Rockford...

Linda Zuber to John Nicolini on June 4 in Birmingham. They live in Little Rock, Ark., where Linda teaches second grade and John is a social worker with a United Way

BORN: A daughter, Emily Claire, to Mr. and Mrs. Edwin L. Lewis (Becky Stanford) of Albany, Ga., on July 12. Ed is research engineer and director of the Southwest Georgia Branch of the Georgia Tech Engineering Experiment Station.... A son, Kevin Bryan, to Mr. and Mrs. Allen M. Sykora of Huntsville on June 20

Ason, Matthew Steven, to Dr. and Mrs. L. Steven Pearson (Connie Collier '71) of Hartselle on March 22. He joins sister Laura Katherine, 3.... A son Jared Keith, to Mr. and Mrs. Danny R. Johnson of Hueytown, on Sept. 12

A daughter Barley Denise, to Mr. and Mrs. H. Ray Hodges (Madelynne Young) of Clearwater, Fla., on Sept. 13. Both Madelynne and Ray are pharmacists with Eckerd Drugs Ason, Jeffrey Mathew, to Mr. and Mrs. Richard M. Burns (Cynthia Ann London) of Birmingham on Sept.

A daughter, Meredith Todd, to Mr. dent at the Birmingham Veterans and Mrs. Jim Fenson (Jan Lehman) of Panama City, Fla., on Nov. 2.... A son, Robert Arthur, to Mr. and Mrs. Stephen W. Williams (Sally Holk '73) of Gulf Shores on April 13. Steve works with Arthur Holk & Sons Builders and has finished his real estate exam to become a salesman....

A son, John Murray, to Dr. and Mrs. Fred M. Taylor (Nancy Adamson) of Birmingham on May 31. Nancy received a master's in learning disabilities from UAB in June, 1976, and was a special education instructor at Mountain Brook High. Her husband is principal at Mountain Brook Jr. High.

A son, Andrew McRae (Andy), to Mr. and Mrs. Charles M. Tindel of Pensacola, Fla., on Nov. 10...

Twin daughters, Kelly Elizabeth and Leah Kathleen, to Mr. and Mrs. Stephen D. Benson (Marilyn Molpus) of Auburn on Sept. 8 A daughter, Michelle Renee, to Mr. and Mrs. George R. Scogin of Fultondale on May 22, 1975. George left the Army in July, 1976, and is a transmission line design engineer for Alabama Power Co....

A daughter, Lynette Michele, to Mr. and Mrs. Benny K. Ingram (Helen English) on Sept. 23. Benny is an assistant cashier-agriculture officer with Merchants National Bank in Mobile. Helen is a clinical dietitican at the University of South Alabama Medical Center....

A son, Bradley Jason, to Capt. and Mrs. Bobby Joe Smith of Sembach AB, Germany, on May 4. Bobby Joe flies OV-10's with the 20th

1973

Michael Selah is now an area sales representative for Xerox Corp. in Jacksonville, Fla. His wife, Kay Richardson, teaches in the Duval County School System.... John Gleissner graduated from Vanderbilt Law School in May and now practices law with the firm of Davies, Williams and Wallace in Birmingham..

Richard C. Duncan received a DMD from the University of Alabama Dental School in September and is establishing a general dentistry practice in Birmingham. His wife, Beverly Moore, continues to work with the Social Security Administration..

Capt. Gary M. Barbee has received the meritorious service award for service at Wright-Patterson AFB, Ohio, as a software design engineer. He is now a student at the Air Force Institute of Technology at Wright-Patterson....

1/Lt. James C. Corfman is a weapons systems officer at Seymour Johnson AFB, N.C., and is currently on temporary duty at Lahr, Germany.... Hank Wiley is now a partner in the law firm of Elliott, Laird and Wiley in Jasper. He graduated from Cumberland School of Law in May, 1976 and joined the firm that year. He and his wife, Rachel, have a son, Matt....

Linda Hughes works with her parents' insurance agency in Bradenton, Fla., and recently received her Certified Property Casualty Underwriter designation.... Capt. Douglas C. Hughes is stationed at Davis-Monthan AFB. Ariz., as an instructor pilot, functional check flight pilot, and weapons officer in the new 27 Tactical Air Support Squadron....

E. Kenneth Howard, Jr., graduated from the University of Alabama School of Dentistry in June. He and his wife, Sharon Hudnall '72, live in Birmingham where he is a general practice resi- into their new townhouse in

Administration Hospital Dental

William H. Byrd, Jr., is national advertising sales manager with WSFA-TV in Montgomery. His wife, Cathy Boyd '76, recently graduated from the Baptist Medical Center School of Medical Technology and works with the Baptist Medical Center....

James B. Sprayberry is now associated in the general practice of law in Auburn with the firm of Gentry and Sprayberry. He graduated from the University of Alabama School of Law in May, where he was a member of the Bench and Bar Legal Honor Society and president of Phi Delta Phi legal fraternity. He was recently admitted to the Alabama Bar....

Terry Leon Taylor has gone into business for himself as a forest consultant in the Atlanta area. He had been with the Georgia-Pacific Corp. He and his family live near Carrollton, Ga....

Mr. and Mrs. J. Douglas Riddle, II, (Elaine Coots '75) moved to Long Island in October '76. She works with Abraham & Staus in the retail department and he works with Stone & Webster Engineering Corp., building a nuclear power plant for the Long Island Lighting Co....

Patti Parrish Stutts teaches with the Fulton County, Ga., Schools in Alpharetta.... J. David Dennis is plant accountant for the Westcott Plant of WestPoint-Pepperell in Dalton, Ga...

MARRIED: Jennifer King to Curtis Hill. They live in Dothan.

BORN: A daughter, Kelly Charliene, to Mr. and Mrs. George W. Freeman (Kathy Wetzel '72) of Birmingham on Sept. 22.... daughter, Meredith LeAnn to Mr. and Mrs. Elon Maddox (Pamela Joan Terry '74) on Aug. 26. They live in Birmingham where Elon is with the personnel department of South Central Bell. Pamela works with college recruiting and management development training....

A daughter, Heather Ann, to Mr. and Mrs. James R. (Jim) Franklin of Birmingham, on Aug. 4. Jim is a policeman with the city of Hoover.... A son, Rob, to Mr. and Mrs. Robert Sylvester (Ann Pruet '71) of Wilmington, Del., on Sept. 15. Bob is a chemical engineering consultant with DuPont and Ann has retired after six years of teaching elementary school to stay home with Rob

A daughter, Angela Lane, to Mr. and Mrs. Larry M. Luckett (Linda Coppock '72) of Aiken, S.C., on Sept. 30.... A daughter, Mary Kathryne, to Mr. and Mrs. George Mahlon Richburg (Mary Lowe) of Auburn on June 17. Mahlon teaches agribusiness at Auburn Jr. High and Mary teaches fourth grade at Boykin Middle School....

Ason, Joseph Patrick (Pat), Jr., to Mr. and Mrs. Joseph P. Williams (Mary E. Hawsey '72) of Nashville, Tenn., on Oct. 12. Joseph is now supervisor of corporate accounting for Hospital Affiliates International. Inc....

A daughter, Jennifer Lee, to Mr. and Mrs. Randy Lee Harris (ReBecca Alisch) on Sept. 4. ReBecca is a social worker with the Mobile County Department of Pensions and Security and her husband owns Mr. Rooter Sewer and Drain Cleaning Co. and The Lettuce Patch, a restaurant specializing in salads and sandwiches....

A daughter, Jenny Marie, to Mr. and Mrs. Harry L. Blackmon on Feb. 25, 1977. They will be moving



BOOK-Catherine R. Perricone of Auburn's Foreign Language Department has edited an anthology of poetry by Spanish-American women. The critical anthology Alma y Corazon, has already been adopted as the text in a graduate course at State University of New York and will be used at the University of Madrid.

Gaithersburg, Md., this month....

A son, Brian Scott, to Mr. and Mrs. R. Scott Uthlaut (Janet Foster '72) of Stone Mountain, Ga., on Sept. 5.

1974

Ronnie A. Brockway graduated from the University of Alabama School of Medicine on Dec. 18. He is now doing a six-month internship at St. Vincent's Hospital in Birmingham before beginning an obstetrics-gynecology residency elsewhere..

Janis Lynn Kidder is working for Lockheed Aircraft and NASA, checking the results of satellite photographs by traveling to many places in the U.S. She works out of the Lockheed-NASA Computer Center in Slidell. La...

Kappy Campbell is buyer for junior dresses, sportswear, and coats for Gayfers in Fort Walton Beach, Fla.... Greg Hight has completed his graduate studies at Drake University and is now building director at a state hospital in Brainerd, Minn..

Gregory Sheffield is handicap coordinator for the Brevard County (Fla.) Head Start program Ernest W. Babb has been promoted to head of the yarn dye department at the Fairfax (Ala.) manufacturing plant. He and his wife, Janice, have two children: Michael Anthony, 18, and Karen Lynn, 13....

Maj. Frederick W. Dickens is test project officer with the Aircraft Systems Test Division, U.S. Army Aviation Board, at Ft. Rucker Kenneth E. Adams is new assis tant department head of weaving at the Riverdale Mill of WestPoint-Pepperell. He and his wife, Nancy, live in LaGrange with their son, Michael Kenneth, 1....

Lt. (jg.) E.B. Fisher, Jr., is assigned as aviation safety officer for VP-45 at Jacksonville NAS, Fla., following completion of the Aviation Safety Officer's Course at the Naval Postgraduate School in Monterey, Calif., in November

Ken Crawford is marketing director for Farm Fresh Catfish Co. in Greensboro 2/Lt. Jon E. Stroberg has completed the T-38



WARE AWARDS—Professor Emeritus L.M. Ware, left, recently presented checks totalling \$20,000 to Auburn president Philpott to add to a previous gift to establish the L.M. and Mary Hall Ware Trust fund for the university. The money will support several professional, civic, and academic awards and scholarships.

—AU Photo

Talon instructor pilot course at Randolph AFB, Tex., and is with the Air Training Command at Columbus, Ga. He is married to Sally Ann D'Angelo '73....

Nancy Stephens is teaching French at Emma Sansom High School in Gadsden.... Robin Haynes is buyer for the lingerie department at the new Gayfer's in Fort Walton Beach, Fla.... John R. Fuller, DVM, operates Shady Grove Animal Hospital in Laurel, Miss....

Leigh Cannon teaches math in Lawrenceville, Ga., in the greater Atlanta area.... Gale White received an M.A. in sociology from Memphis State University in August. She now teaches at East Central University in Ada, Okla....

Wesley Davenport is with Clinton Mills in Geneva.... Harry P. Wootan, III, is a systems analyst with South Central Bell in Birmingham.... Joseph C. Thomas, Jr., completed his Navy service in June and is now with Deere & Co. in the industrial engineering department at the administrative center in Bettendorf, Iowa....

1/Lt. Jimmy E. Cardwell is an F-111 pilot at Lakenheath RAF Station, England. He recently participated in a Central Treaty Organization maritime exercise in the Persian Gulf and the Gulf of Oman with troops from England, Iran, Pakistan, Turkey, and the U.S. He is married to Linda Jean Powell '75....

Marsha Sanders is chief evaluator for Goodwill Industries in Charleston, W. Va. She received a master's in March.... Mr. and Mrs. Roger L. Dockery, (Gail Elaine Mathews '75) live in Decatur. Roger is with Security Mutual Finance and Gail works with the Department of Pensions and Security.

MARRIED: Tamara Hughes to Timothy Neil Frazier in July. They live in Guntersville. Tamara received a master's from the University of Alabama in 1976 and teaches fourth grade at Douglas Elementary School. Her husband is with Monsanto Chemical Co....

Pamela Hope Williams to Bryan Turbeville. They live in Birmingham.... Angela Davis to Ralph Hard on March 31. They live in Albertville, where Angela is a broiler service supervisor with Spring Valley Farms....

Diana Lynn Brady to William B. Haug on Oct. 8. They live in Stavager, Norway, where he is with Phillips Petroleum Co.... Patricia Bailey to Michael Allen Lassiter on March 12. They live in Columbus, Ga. She teaches at Glenwood School in Phenix City and he sells tractors for John Deere....

Martha Villadsen to N. David Wright, Jr., on Oct. 30, 1976. They live in Plantersville where they operate a wholesale-retail nursery with David's father....

Marlene Saunders to Jovencio Mondragon. They live in Tampa, Fla., in a new home with his daughter Rachel, 2. Both Marlene and her husband work for Schlitz....

Minna Dent Roth to Michael R. Hill on June 25. They live in Montgomery. Minna teaches with the Elmore County Board of Education and Mike works at the VA Hospital.

BORN: A daughter, Heather Michelle, to Mr. and Mrs. Roland F. Griner, Jr., of Tampa, Fla., on Sept. 7. Roland is a field instructor with the Tampa Police Department.... A daughter, Shannon, to Mr. and Mrs. Joe T. Welch (Pam Rucker) of Nashville on Aug. 8....

A son, Jeffrey Brandon, to Mr. and Mrs. Thomas H. Kolmetz (Barbara Sandusky) of Lynn Haven, Fla., on Sept. 6. He joins brother Marcus Patrick....

A daughter, Rebecca Ann, to Mr. and Mrs. Roderick Hill of Selma on March 25, 1976. Roderick is with Stallworth & Majors Pulpwood Co. in Minter.

1975

Cherry Bragg has received a master's in early childhood education from UAB and presently teaches first grade at Chalkville Elementary in Birmingham.... Sarah H. Jenson is now a program support representative in the FE division of IBM in Jacksonville, Fla. She had been a customer engineer for IBM before her promotion....

Lt. Wayne E. Dillingham is a naval flight officer at MCAS Cherry Point, N.C... Roger W. Keel is a supervisor trainee in the carding department at West Point-Pepperell's Carter Mill in Huguley.... Ned E. Browning received a master of speech communication from Auburn in August and is production crew chief for Auburn Television on the Auburn campus....

Elizabeth Maiton works at the South Metro Children's Center in Atlanta as an educational therapist for emotionally-disturbed and behaviorally-disordered children....

AUBURN ALUMNALITIES—Continued

J. Hall Schenck, Jr., is general manager of the Bath and Racquet Club, a tennis club and restaurant, in Lakeland, Fla....

Linda Harris Stansell teaches at Wren High in Williamston, S.C. She is also doing graduate work at Clemson University.... Joseph C. Pack is landscape manager for the Sargent Co., a nursery and garden center in LaGrange, Ga.... Joseph K. Bence, Jr., has been promoted to office manager for Overnite Transportation at its Benton, Ky., terminal. He and his wife, Debbie, live in Benton where he was transferred from Birmingham....

George C. Slade is supervisor of the medical survillance team in the Medical Department of West Point-Pepperell's Personnel Services Center at Shawmut.... Robert De Carrera is projects civil engineer supervising construction of a new latex manufacturing plant for International Paper Co. in Moncks Corner, S.C....

Luanne Townsend is a paralegal aide for the law firm of Roses and Calloway and attending law school in Atlanta....

Katherine (Kay) Cox Herlong is a home economist with the Rural Housing Unit of the USDA in Clemson, S.C., where her husband, David, is in graduate school in entomology.

Wade Pitchford is a civil engineer with the Montgomery Public Health Department. He and his wife, Carol, have twin daughters, Carol Michele and Heather Wess, two.

MARRIED: Cara Lee Norman '71 to David B. Martin, Jr., in December, 1976. They live in Chula Vista, Calif., where David is stationed at North Island Naval Air Station for jet flight training....

Nancy Lynn Herring to Phil E. Martin on Feb. 5, 1977. They live in Silver Creek, Miss. Phil is director of pharmaceutical services at Lawrence County Hospital in Monticello, Miss., and his wife is a registered nurse....

Wyn Wadsworth to James M. Minor, Jr., on May 28. They live in Prattville.... Elizabeth McCaleb to Carelton Frederick Allen. They live in Dallas, Tex....

Martha Lynn Fuller to Jerry Gordon Jaynes, Jr. They live in Birmingham, where Martha is a secretary with First National Bank of Birmingham.

BORN: Twin daughters, Susan Denise and Joan Lizabeth, to Mr. and Mrs. Joe B. Eichelberg (Vicky Greco '76) of Pike Road on March 3. Joe works with J.B. Converse Engineering on the new waste treatment plant for Montgomery, and Vicky was teaching eighth grade mathematics at McIntyre Jr. High before the twins were born....

Twin daughters, Kimberly Ann and Kristine Elaine, to Dr. and Mrs. Charles F. Reeder on July 27. They join sisters Jan and Miki....

A son, David Preston, to Mrs. Marion Price Mullins and her husband on April 19.... A daughter, Neda, to Mr. and Mrs. Joaquim C. De Figueiredo (Susan Blythman) of Ceara, Brazil.... A son, Randolph Clayton, to Mr. and Mrs. Carl Isbell Capps (Jan McEachern '76) of Macon, Ga., on Sept. 10

1976

Hal P. Miner received an MBA from Auburn in August. He lives in Birmingham... Jan Jackson is assistant merchandise manager for Blue Bell, Inc., Wrangler Menswear in Greensboro, N.C. She designs and sells western shirts and jackets....

Deborah Susan Dalton is a flight attendent with National Air Lines, based in Miami.... Roberta Bynum has been honored by the Alabama State Board of Public Accountancy for scoring the highest grade of all participants sitting for the May CPA examination in Alabama....

H. Mac Watters is with Combustion Engineering in Chattanooga. His wife, Jan Graham, completed graduate work at Auburn as a secondary reading specialist in December.... Stephen Michael Dugos is undergoing advanced jet training with VT-24 at NAS Chase Field in Beeville, Tex....

2/Lt. Jeffrey Ricks is an air staff budget systems programmer analyst with the Air Force Data Services Center at the Pentagon.... Ricky Johnson is vending manager for Havatampa Vending Co., in Pensacola....

Olen Larry Wakefield is a graduate student in physical education at Auburn.... Ens. James P. Usbeck is stationed at Beeville, Tex.... Gary Hill is in graduate school in agriculture at Auburn.... Susan Butler McConnell and her husband, Roger, live in Nashville where she works at Clover Bottom Development Center and he is a sales manager for The Southwestern Co....

Anita L. Gentle is an internal auditor with Pennzoil Co. in Houston, Tex.... Madge V. Sorrell is a programmer with the Turbitorol Co. in Atlanta.... Larry Davis is stationed at the Navy Nuclear Prototype in Idaho Falls, Idaho, learning to be a nuclear power plant operator....

2/Lt. John L. Leech is an advanced navigator training at Mather AFB, Calif.... Shirley Burr Smith is an accounting instructor at Austin Peay State College in Clarksville, Tenn.... Catherine Lee Williams is a pharmacist with the University of Georgia Student Health Center....

Mr. and Mrs. William P. Barry (Lesley Bradford) live in Montgomery where he is in the management training program of Union Bank and Trust and she is a pharmacist with Yancey Park Drug Co. He is also working on a Master of Public Administration at AUM....

Robert W. Orr received a master's in music education from Auburn in 1977 and is now an instructor in the Department of Music at Northern Michigan University in Marquette.... Larry B. Hagewood is with Taylor Instrument Co. in Houston, Tex....

Terry O'Shaughnessy Smildsin and her husband, Carl '77, live in Savannah, Ga., where Carl is a designer with Roper Lawn Products and Terry is taking care of Meredith, 1, and hopes to complete a master's at Armstrong State....

David G. Patton is an electron microscope technician in the Department of Anatomy at the University of Miami School of Medicine in Miami, Fla.... Ralph Byrd is an assistant engineer with Ebasco Services in Killona, La....

Amanda Jane Penn teaches English at a junior college in Las Vegas, Nev... 2/Lt. Joseph D. Newson, Jr., is stationed at Ellsworth AFB, S.D., as a missile combat crew member....

Charles Rex Mayfield teaches agriculture at Tanner (Ala.) High School.... Mr. and Mrs. Kevin Lee Clark (Gina Hassett) live in Hope Hull outside Montgomery. Kevin is plant chemist in charge of quality control and waste water treatment at Penwalt Corp. in Montgomery.

Gina is an account executive with Amerson & Associates, a communications consultant firm in Montgomery.

MARRIED: Kathy Lynn Stapler to Edward Lee Giles on Dec. 18, 1976. They live in Auburn. Kathy teaches third grade at Smiths Station.... Nancy L. White to George W. Edwards, III, '77. They live in Gaithersburg, Md....

Patricia Veaudry to Lt. Scott Wells at Fort Benning, Ga., on March 26. They live at Ft. Rucker, where Scott is in flight school.... Lesley Bradford to William P. Barry in May. They live in Montgomery where William is a loan counselor with Union Bank....

Patricia M. Barry to Lee Bradford Liles in June. They live in Montgomery.... Susan Martin to Frederick Gordon Shankel on Aug. 6. They live in Newnan, Ga.

BORN: A daughter, Sarah Nicole, to Lt. and Mrs. Stephen Traylor (Sarah Reeder '73) on May 10. Both parents teach in the Montgomery School System.

1977

Dan Doughtie finished an internship as a photographer for the Virginia-Pilot, Ledger-Star in Norfolk, Va., on Sept. 12 and went to work with the Galax (Va.) Gazette on Sept. 18 as a reporter-photographer covering sports and news. He will move to the Roanoke Times-World on March 1 as a photographer. Dan reports "It started snowing here on Oct. 13. It's going to be a long cold winter in the mountains."

Lloyd A. Roberts, Jr., is an engineer with Schlumberger Oil Well Service. He and his wife, Patricia Owens '75, live in New

Faces in the News





Gaddis

Capell

Robert S. Gaddis '53 is the new president of Commercial National Bank and Trust Co. in Laurel, Miss. He is past president of Central Bank of Montgomery and is on the faculty of the Banking School of the South at Louisiana State University. Mr. Gaddis holds an MBA from Georgia State and is a graduate of the American Institute of Banking and the Stonier Graduate School of Banking at Rutgers. He and his wife, Martha have three children: Robert, Jr., 19, a sophomore at Auburn; Amy, 16, a high school junior; and Margaret (Meg), 15, a high school sophomore.

Capell member of the law firm of Capell, Howard, Knabe & Cobbs, with offices in Montgomery and Washington, D.C., is the new president of the American College of Mortgage Attorneys. Mr. Capell is chairman of the board at Investors Federal Savings and Loan Association, and a member of the boards of Southern Bank N.A. and Investment Capital Corp. Mr. Capell is past president of the Montgomery County Bar Association and past chairman of the legal section of the Alabama League of Savings Associations. He is a member of the Board of Trustees of the Montgomery Museum of Fine Arts.

AUBURN ALUMNALITIES—Continued

Orleans, La.... Ruth A. Askew is a secretary with Trust Company Bank in Atlanta....

Charles B. Dean is assistant football coach, track coach, and a history teacher at Notasulga (Ala.) High School.... Cynthia Pearson Black is a staff accountant with Frank Jones CPA in Opelika....

Dannis Salter is a graduate teaching assistant in psychology at Auburn.... Linda Fay Vaughn (M.S.) is an instructor in clothing and textiles at Delaware State College in Dover, Del.... Thomas R. Bice is recreation director for the Alabama Institute for the Deaf and Blind at Talladega....

Harold R. Anderson is a woodworker with the Berea College Workcraft in Berea, Ky.... Ronald J. McCollum is an accountant with R.K. Edwards, CPA, in Roanoke.... David Alan Milstead is a draftsman with Barr & Tune Associates in Florence....

David Edwards, systems analyst with Blue Cross-Blue Shield in Birmingham... Nancy Dowdle, pharmacy intern with Center Pharmacy in Columbus, Ga... William A. Wright, Jr., safety specialist at the University of Montevallo... Carol Ann Lewis, flight attendant with Delta Air Lines, based in Chicago....

Gene Vandiver, sports editor for the Daily Mountain Eagle in Jasper... Leland Simmons (DVM), practicing small animal medicine at Pinecastle Animal Clinic in Orlando, Fla... Max S. Milton, with General Dynamics in Fort Worth, Tex....

Cynthia Elaine Anderson teaches sixth grade English at Dadeville Elementary School.... Gregory Arnberg, estimator with Blount Brothers Construction Co. in Montgomery....

Cheryl Bonds, emotion confact teacher with the Homewood (Ala.) Board of Education.... Sloan Drennon, flight attendant with Delta Air Lines.... Jim Prucnal (MBA), staff accountant with Ernst & Ernst in Columbus, Ga....

Douglas B. Tambor, safety engineer trainee with Allied Chemical Corp. in Solvay, N.Y... Debra Mason Hartford, working toward a Master of Social Work at the University of Tennessee in Knoxville.... Locke Bowden, assistant project engineer with the Alabama Highway Department....

James W. Callahan, assistant engineer with the Boeing Co. in Renton, Wash.... Richard C. Moffitt, electrician with Olinkraft in Monroeville.... Carla Craver Gonzalez (M.Ed.) vocational rehabilitation counselor II with the State of Florida in Immokalee, Fla....

Randall A. Smith, DVM, practices in Stevenson.... Debra Little Gant is working with the university while her husband finishes his degree at Auburn.... Neil Croker (M.Ed.), diversified cooperative training coordinator at Wills High School in Smyrna Ga....

Laurey Louise Hartwell, behavior disturbance resource teacher for grades 1-5 in the Mobile County Schools.... Kathryn T. Teague, pharmacy intern at Partlow State School and Hospital in Tuscaloosa....

John R. Stivender, management assistant with South Central Bell in Mobile.... Lana Dabbs, interior decorator with Rhodes Furniture, Inc., in Atlanta.... William Varnell, student at the University of South Alabama Medical School....

Michael M. Hixon, accountant with Texaco in Atlanta.... Benjamin Bailey, electrical engineer with Lummus Industries in Columbus, Ga....

Debbie Headley Massey teaches high school math at Lanett High School.... 2/Lt. John William Hughes is a computer analyst with the Air Force stationed at Gunter AFB in Montgomery.... Bonney Lynn Schowalter teaches 5th grade with the Ft. Benning (Ga.) Schools....

Gary A. Saliba works with Polyengineering in Dothan as project engineer on a sewer evaluation program.... John D. McBeath, junior expediter with Rust Engineering Co. in Birmingham.... Phillip (Skipper) King raises channel chatfish on a farm near Goldsboro, N.C....

Powell D. Waite (Ed.D.) is dean of administration at DeKalb Community College in Clarkston, Ga.... Rebecca Mauldin, preschool teacher with the First Baptist Church Daycare program in Auburn....

Julian B. LeCompte, field representative with Federal Land Bank Association in Selma. His wife, Vickie Jo Wallace '75, is a secretary to the director of nurses at New Vaughan Hospital....

Vicki Irvin Pike, resource room teacher at Jim Pearson School in Alexander City.... Kathy M. Wyatt (M.Ed.) is a unit director and mental health counselor with the South Central Alabama Mental Health Center's satellite office in Luverne. She and her husband, J. Victor Wyatt, live in Brantley....

Eloise Thornton (M.Ed.) teaches mathematics at Bullock County High in Union Springs.... Suanne Morris, office manager with Southern Realty Management in Atlanta.... Dr. Ronald S. Caldwell is assistant professor of biology with the Division of Natural Sciences at Union College in Barbourville Ky

bourville, Ky....
Stepnen D. Curiee is group representative with The Hartford in Memphis, Tenn.... John P. McKay, computer programmer with Ampex Corp. in Opelika.... Rocky J. Sullivan, plant engineer trainee with Stockham Valves and Fittings in Birmingham....

Virginia Shannon Hayes is a loss prevention representative with Liberty Mutual Insurance in Birmingham... Banks Brazell, Jr., estimator/office engineer with A.R. Abrams, Inc., in Atlanta.... Thomas E. Cain, Jr., management training with ConAgra Corp. in Enterprise....

Philip David Luker, security sales engineer with Rolling Security Services in Birmingham... Charles B. Griffith, with Willigriff Homes, Inc., in Eclectic.... Arthur C. Kleiderer, research associate with the Auburn University Forest Products Lab....

Martha C. Turbyfill teaches home economics at Cousins Middle School in Covington, Ga... Kathaleen Lynch (M.Ed.), research teacher at Scott Prep School in Opelika... Lisa Townley, office manager for WRSA-Radio in Lacey's Spring....

Thomas E. Ryan, department supervisor of lumber operations with Union Camp Corp. in Franklin, Va.... Nancy B. Burdy (M.Ed.), graduate research assistant at Auburn.... Richard W. McAllister, engineer with Harbert Construction in Birmingham. He is married to Rachel Price '75....

James A. Tucker, Jr., a district supervisor with Zippy Mart of Alabama for 10 stores in the Montgomery Area... 2/Lt. Clifford C. Fetter, civil engineering officer with the 341st Civil Engineering Squadron at Malmstrom AFB, Mont....

Donald J. Davis, clerk with

Davis Hardware & Supply, Inc., in Camp Hill.... Nancy Roberts, accountant with King, Abel & Co. in Gadsden.... Jacquelyn Gaut, scheduling director for Steiner/Bressler Advertising in Birmingham....

Vanessa B. Clay works in a framing business in Dothan...
Mike Walton, staff industrial engineer with Southwire in Carrollton, Ga.... Pamela Richardson, reporter with the Mobile Press-Register.... W. David Blume (M.Ed.) continues in graduate school at Auburn....

J. Denise Murray, rehabilitation counselor with Goodwill Industries in Birmingham.... Jeffrey K. Nicholson teaches in Opelika.... Lisa Lynn teaches kindergarten in the DeKalb County (Ala.) Schools.... Lynn Jones is decorator with Fairhope Floor Cover & Interiors in Fairhope.... Evie Roy, accountant with Bert Sells & Associates in Mobile.... Laurie Haas teaches first grade at Talladega (Ala.) Academy....

Craig Ferguson, cost accountant with U.S. Pipe in Birmingham... Doug Csar, associate member of the technical staff at Computer Sciences Corp. in Huntsville... C. Peter Chen (M.S.), intern at Forte Pharmacy in Columbus, Ga....

Roy Fain, Jr., electrical engineer with Motorola Communications Division in Plantation, Fla... James Davis Bell, III, pharmacy intern at Lee County Hospital in Opelika.... Robert D. Hendrix, II, junior engineer with Alabama Power at the Barry Steam Plant at Bucks....

Randy Davis, assistant county supervisor with the Farmers Home Administration in Clayton.... Ens. Phillip Bagwell, student pilot training at NAS Whiting Field,

Warren Hopson, plant engineer with Alabama Power Co. in Gadsden.... John Kirch, retail salesman and assistant plant manager with USS Agri-Chemicals in Clarksville, Tenn.... Tera Ponder, with Townsley & Associates, Architects, in Huntsville.... Betsy Bradley, assistant to the president and trainee for account manager with Isidore, Lefkowitz, Elgort, Inc. in New York City....

Bill Ham, Jr., owns and operates coin laundries in Auburn.... 2/Lt. Oswald Y. Mullins, budget officer with the Air Force in Little Rock, Ark.... Leonard L. Bailey, Jr., nuclear construction engineer with General Dynamics—Electrical Boat Division in Groton, Conn....

Paul M. Wilson, D.V.M., practices veterinary medicine with Phillips Small Animal Clinic in Mobile.... Phyllis Martin Tisdale teaches 5th grade math and science at Smiths Station High School.... Richard E. Coles, assistant engineer with Southern Services, Inc., in Birmingham....

Ronnie Nickel is a geologist with the U.S. Geological Survey and a waiter at Twickenham Station, a restaurant in Montgomery, while waiting to go on active duty with the Air Force in June... Carol Lewis is in marketing with South Central Bell....

2/Lt. David J. Salter, attending Marine Corps Basic School at Quantico, Va.... Andy Freeman, purchasing agent with Elliott Construction Co., Inc.... Neal Reynolds, an art director with J. Walter Thompson advertising agency in Chicago working on TV commercials for 7-Up, Sears, Kraft, and Jovan....



AWARD—Bruce McGowin of Bay Minette has received the Norman F. Whitten Award for his outstanding work with the Auburn Union. Bruce, now University Program Council Coordinator, received the award for academic and extracurricular achievements.

Stan Albright with the Southern Baptist Home Mission Board as a resort missionary in Gatlinburg, Tenn.... George Oren Sims, III, Navy pilot at Pensacola, Fla....

Jayne Kennedy, assistant manager of lingerie at D.H. Holmes in Mobile.... Donna Faye Wood, graduate teaching assistant at Auburn.... Lee Wilkins, engineer with Universal Construction Co. in Decatur.... Frederick Chambliss, III, estimator with C.F. Halstead Contractor, Inc., in Montgomery.... James B. Grieger, student at UAB, and plans to enter Dental School in June....

Wayne Holder teaches industrial arts at Chapel Hill Middle School in Douglasville, Ga.... Yamandu Acosta (M.Ed.) text-hook supervisor for Barbour County (Ala.) Schools....

Michael Parker, personnel director for Lee County Hospital in Opelika.... Patrice Diane Adcock Kemp, kindergarten teacher at Tinker Elementary School in Tampa, Fla... Carol S. Haile, intern pharmacist at University Hospital in Birmingham.... Donna Mitchell, home economics teacher in Wedowee....

Myron Powell, working on a degree in building science at Auburn.... Charlyne Oten (M.Ed.) teaches English at South Natchez-Adam High School in Natchez,

Susan Cook Huffstutler, kindergarten teacher at Shawmut (Ala.) Elementary School.... Joyce Harry, (M.Ed.), teaches English at Smiths Station High....

Byron Machen, first year medical student at the University of South Alabama.... Scott Sperry, civil engineer with Brashear Steel in Albany, Ga.... Louis Bradford, patrolman with the Cullman Police Department....

Melanie Cadenhead teaches in Columbus, Ga.... Viness Parone, environmentalist II with the Talladega County Health Department.... Don Smith, math teacher in Huntsville.... Thurston H. Moore of Blankenship Drugs in Nashville, Tenn., won \$500 in the Burroughs Welcome Pharmacy Education Program. The money was presented to the Auburn School of Pharmacy in his name to establish a revolving loan fund for deserving pharmacy students....

George M. Franklin, Jr., forester with R&W Forestry Services in Albany, Ga... Robert M. Harrington, estimator with Harrington Construction Corp. in Montgomery.... Kim Wilson, on a management internship program with The Babcock Co., a real estate subsidiary of Weyerhaeuser in Miami, Fla....

Capt. Thomas H. Fuqua, DVM, clinical pathologist with the Army at Edgewood Arsenal, Md....

Susan L. Neill teaches at Berney Points School in Birmingham.... Perry Allen Tucker, industrial engineer with Reynolds Metals at Listerhill, Al.... You-Lo Hsieh (M.S.), graduate assistant in the Department of Textiles and Consumer Economics at the University of Maryland....

Teng-Hsang Yue (M.S.), graduate research assistant with the Chemical Engineering Association at Auburn.... Connie P. Dix-Oblescretary with Bechtel, Inc., in graduate student at Auburn.... Judith Rollins (M.Ed.), physical education teacher at Panama City, Fla.... Alfred W. Gemeinhardt, manager of Tyson Foods, Inc., in Bella Vista, Ark....

Andy Hart, graduate research assistant in the agriculture economics department at Auburn.... Andy Foster, jet training at NAS Kingsville, Tex....

Christy Jackson, clerk-typist with International Fertilizer Development Center in Muscle Shoals... Sarah Evans, recreational therapist with the handicapped at Wagner Elementary School in Gadsden... Debbie Craddock, bookkeeper with Leon's of Dothan... Geri Douglas, coach and science teacher at Sparta Academy in Evergreen.... James H. Lake works with Wackenhut Security at Pensacola Municipal Airport....

Bonita Amelia Apperson teaches third grade at Flint River Academy in Woodbury, Ga.... Randy Jones, graduate research assistant in electrical engineering at Auburn.... Gregory C. Ingram, engineer with Saginaw Steering Gear, division of G.M. in Decatur....

Mary Susan Harrison is lifestyles editor for the Valley Times-News in Lanett.... Howard Rumph farms in Montezuma, Ga.... Roger Thomas Duke, project engineer with DuPont in Aiken, S.C.... Dora Williams (M.Ed.) reading teacher with Alabama Youth Services at Mt. Meigs....

Sheila Ann Collier, graduate student in the MBA program at Auburn.... Harry T. Cowser, assistant manager of the pro shop at Oak Mountain State Park at Pelham....

AUBURN ALUMNALITIES—Continued

Sandra Locke, graduate assistant in the Speech Department at Auburn.... Kim Smith, artist with Galassini & Rogers Advertising in Montgomery.... Ben Knowles, clerk with Loeb & Co. in Montgomery.... Charlie N. Long, III, vice-president of operations with C.N. Long, Jr., Trucking in Haines City, Fla....

2/Lt. Robert Munisteri, stationed at Quantico, Va.... David Sheffield, student at Southern College of Optometry in Memphis, Tenn.... Janice Torbert, accountant with Torbert Brothers in Opelika.... Sally Devine Weatherly, engineering draftsman with Neptune Meter Co. in Tallassee....

Courtney Ann Ladd, graduate student at Memphis State.... Bebe Amanda Yancey, substitute teacher with the Gadsden City Board of Education.... Laura Snell, physical education teacher and coach at Carrabell (Fla.) High School....

Martha Barr, teller with Third National Bank in Nashville, Tenn.... Rebecca Jo Eubanks, program coordinator with the Anniston Parks and Recreation Department.... Claire Browning, behavior disorders specialist with the Griffin-Spalding School System in Griffin, Ga.... Gregg Mayo manages the Mountain Brook store of Fred Sington Sporting Goods....

Jack Gavin Early, Jr., accountant with Wm. C. Mann in Bessemer.... Dale Woody, lab technican with the State Diagnostic Laboratory in Auburn.... Stephen Agerton, loss prevention representative with Liberty Mutual Insurance Co. in Chamblee, Ga....

Jimmy H. Taylor, project engineer with Chambers County Highway Department in LaFayette... Paige Byrd, physical education teacher at Mixon Elementary School in Ozark... Maureen Catherine Blake traches Phenix City.

Lindsy Ruth Osteen teaches at Central Elementary in Phenix City.... Debra L. Dothard, kindergarten teacher at West Elementary School in Cullman....

Marynell Bailey, student at the University of Alabama.... Patsye Pritchett teaches at Powell School in Fowlkes, Tenn.... Howard E. Cook, civil engineer with Pittsburgh Des Moines Steel in Birmingham....

Michael A. Moore, sophomore in the School of Medicine at the University of Alabama in Birmingham.... Dwight Buzbee, teaching physical education and coaching wrestling and football at Alexander City Jr. High School....

Karen King, cost accountant with Akwell Industries, Inc., in Dothan.... Sondra Mann, publications specialist with the Thermal Corp. in Huntsville.... James Toney, graduate student in special education at Memphis State....

2/Lt. R. Kelly Griswold, stationed at Ft. Sill, Okla.... Bruce J. Masek (Ph.D.), post-doctoral fellow in pediatrics at the John Hopkins University School of Medicine in Baltimore, Md....

Susan Gauntt, with Opelika Floral Co. in Opelika.... Richard Allen Jones (MBA), data processing with South Central Bell head-quarters in Birmingham....

Suzanne E. Layfield, substitute teacher with the Houston, Tex., School System.... Dr. H. Thomas Byron, Jr., instructor in the Auburn School of Veterinary Medicine's department of radiology....

Sherry Parker, pharmacy in-

tern at the Baptist Medical Center in Montgomery.... Maureen Dollinger, researcher in the molecular biology department at the University of Alabama Medical Center in Birmingham....

Kenneth Howell (Ed.D.), mathematics instructor at Lurleen B. Wallace State Jr. College in Andalusia.... JoAnn Gauntt (M.S.) graduate teaching assistant in physical education at Auburn....

Marcia Jean Sims, customer service representative with Electronics Processors, Ltd., in Birmingham.... William D. Kenney, DVM, practicing small animal medicine with Battleground Veterinary Hospital in Greensboro, N.C.... Fred Stacks, Jr., development engineer with CIBA-Geigy Corp. in McIntosh.

Deborah Elizabeth Bishop, announcer for WGRM-Radio in Greenwood, Miss., and a freelance copywriter and photographer.... Ens. Richard Jesup, aviation maintenance officer at Pensacola, Fla.... Stan Wilks, accountant with McGriff, Whitman & Hannah, Public Accountants in Albertville.... Lloyd A. Culp, Jr., assistant manager at the federal Wildlife Refuge near Paris, Tenn....

Robert H. Steindorff, technical sales representative with General Electric in Greenville, S.C.... Von Gammon, junior accountant with Sidney H. Walker, CPA in Ozark.... Maureen Drost, copy editor with The Decatur Daily in Decatur.

James D. Brown is a management trainee with First Federal Savings and Loan in Huntsville.... David R. Motes, gas engineer with Exxon Co., USA, at Jay Field near Pensacola, Fla.... Byron K. Wagner, pharmacist intern with Revco in Knoxville, Tennessee.... Sylvia Smith, secretary for Gary Flanagan, State Farm Insurance Agent, in Mobile ... James R. and teacher with the Chambers Co. Board of Education in Five Points Donald G. Johnston, electronic engineer with the U.S. Civil Service Commission at Eglin Air Force Base, Fla....

Karen Gladney, graduate teaching assistant in the Speech Communications Department at Auburn.... C. Arthur Parker, agent for Massachusetts Mutual Life Insurance Co. in Birmingham Martha Jones, kindergarten teacher for the Pre-School Learning Center at the University of Alabama in Huntsville Crawford B. Nevins, estimator for Brice Building Co., Inc., in Birmingham.... Lynn Counselman Garriott, instructional aide with the Metro Board of Education in Nashville, Tenn.... Jean V. Meadows, fourth grade math teacher with the Lee County Board of Education in Smiths Station Barbara Jane Gardner, flight attendant with Delta Air Lines in Atlanta.... Diane Rowan, dental assistant in Atlanta, Ga....

Ellis C. Smith, student at Emory University School of Law Mary Ella Boyd, graduate teaching assistant at the Home Managment House at Auburn Dennis S. Hamby, project manager with Building & Churches, Inc., in Crestview, Fla.... Kevin L. Troxler, staff accountant with Haskins and Sells, CPA's in Nashville, Tenn.... G. Edward Keller, Jr., electrical engineer with Vitro at Eglin Air Force Base in Fort Walton Beach, Fla.... James M. Charette,/ "fearless, flamboyant, fighting fanatic" with the U.S. Marine Corps.... Leslie R. Owens, teller with Home Federal Savings and Loan in Birmingham.... Mark A. Crail,

production engineer with Charleston Naval Shipyard in Charleston, S.C.... Victor G. Davis, industrial salesman for Atlas-Edco in New Orleans, La....

William Julian works with Kirkland, Smith, Taylor, & Payne as an accountant. He and his wife, Nancy, live in Anniston.... Ronald J. Roberts, structural engineer with Daniel International Corp. in Greenville, S.C....

Mr. and Mrs. Myron H. Carter (Beth Saliba) live in Chattanooga where Myron is an instrumentation engineer with TVA at the Sequoyah Nuclear Plant.

MARRIED: Melanie Anne Day to Ernest Lee Bankhead on Sept. 10. They live in Bastrop, La., where he is with International Paper Co.... Kathy Minter to Dr. Randall T. Baker on Sept. 24. They live in Spring Hill, Tenn....

Leslie Stough to Richard G. Danner on Sept. 17. They live in Decatur where he is a field engineer with Universal Construction Co.... Janice Brown to James Purnell on Sept. 24. They live in Madison, Ga. Jay is a forester with Sowhatchet/Quailwood Plantation....

Cynthia Laurie Champion to Shawn Snider on August 27. They live in Auburn.... Patricia O'Neal to Marc Robertson. They live in Philadelphia, Pa.... Martha Amanda Mount to Edwin H. Morgan, Jr. They live in Auburn....

Maryanne Abel to Jeff Dunnivant '78 on Dec. 17. They live in Auburn where Jeff is in the school of business....

Sarah Emily Hart to Henry B. Lankford on August 27. They live in Charlotte, N.C., where Bruce is an estimator with J.A. Jones Construction Co Nancy Willis Clay to Anthony E. Bosco on August 27. They live in Duncan, Okla., where engineer with Halliburton Services. Tony and Nancy are busy raising houseplants and fixing up their new house. He spends time working on a 355 Chevy. They report that they are still "rooting for Auburn even though we don't hear anything except a score every now and then. To these Oklahoma people, nothing exists but Oklahoma football!'

Deana A. Weil'to Charles A. Culver on August 27. They live in St. Louis where Charles is an investigator for the Food and Drug Administration.... Carol Lee Dell to Lt. Bruce K. Petit on Sept. 3. They live in Milton, Fla., where Carol's husband is in pilot training with the Marine Corps at Whiting Field....

Nancie Jayne (Janie) Entrekin '76 to Dennis Brooks Dickey on Oct. 15 in Columbus, Ga. They now live in Birmingham where Dennis has a new job as traffic systems engineer with the City of Birmingham. Janie received an M.S. from Auburn in December....

Bonnie A. Alston '76 to Roger D. Spear on August 27. They live in Birmingham where Roger is with Haron, Collier & Bonderant, Inc., Architects.... Nancy Johnson '75 to Ben Polidoro. They live in Auburn....

Connie Janette Burleson to Joe Allen Teague on Sept. 3. They live in Decatur where she is a special education teacher at West Decatur School....

Debra McManue to Stephen B. Swann on August 6. They live in Selma where Stephen teaches 8th and 9th grade math....

Kathryn Phifer '76 to James Oliver Wingard on Dec, 1976. They live in Houston, Tex., where Oliver is an electrical engineering assistant with Fluor Electrical and Construction Co. Kathryn is a



NEW GOALS—With a journalism degree and a bunch of rodeo ribbons and trophies behind her, Margaret Brown, who graduated in December, is looking forward to law school and a career in politics. She won her first ribbon when she was six. Married and the mother of a small daughter, Margaret plans to be running barrels when she's sixty. -AU Photo

programmer/analyst for Texas Instruments....

Betty Randle Douglass to Mark Gamuel Sparkman as Sont 3 in Jackson, Tenn. They live in Auburn where Mark is in graduate school in political science and is director of Forum and Betty is in graduate school in business administration and works with the School of Business....

Pattie E. Neill to Michael R. Ragsdale (M.S.), on Dec. 10. They live in Knoxville, Tenn., where Pattie teaches an elementary special education class and Michael is an instructor and working on a Ph.D. in physical education at the University of Tennessee.... Patricia

Lynn Hensel to Philip Andrew Gentry on Oct. 1. They live in Eufaula. Lynn teaches in nearby Cuthbort, Ga.

BORN: A daughter, Allison Michelle, to Mr. and Mrs. Stephen M. Young of Pelham. Stephen is project manager for Crown Builders in Homewood....

A son, Adam Christopher, to Mr. and Mrs. Rodney D. Hames (Susan Higginbotham) of Auburn on Oct.

11. Susan is an intern in pharmacy at George H. Lanier Memorial Hospital and Nursing Home in Langdale....

A son, Franklin Bedrick, to Dr. and Mrs. Jerry McMillian of Gallatin, Tenn., on Nov. 16.

